

# МЕЧТЫ КАРАНДАША

(ИЛИ ЧТО МОЖНО  
ИЗОБРАЗИТЬ С  
ПОМОЩЬЮ  
ЯЗЫКА  
ПРОГРАММИРОВАНИЯ  
Qbasic)

*Жил – был веселый карандаш. Стало ему скучно жить и решил он освоить компьютер, чтобы создавать рисунки с помощью программы Qbasic.*



**-С ЧЕГО ЖЕ НАЧАТЬ? – ПОДУМАЛ КАРАНДАШ.**

**-СКОРО ЛЕТО, ХОЧЕТСЯ НА МОРЕ...**

**И СОСТАВИЛ КАРАНДАШ ПРОГРАММУ С ПОМОЩЬЮ ОПЕРАТОРОВ  
LINE, COLOR, PAINT, LINE, CIRCLE, DRAW, PRESET**

|                                      |                                    |                                |
|--------------------------------------|------------------------------------|--------------------------------|
| 10 SCREEN 7                          | 28 PAINT (160, 150), 9             | 45 CIRCLE (269, 19), 1, 14     |
| 11 COLOR 2, 1                        | 29 CIRCLE (25, 140), 25, 2         | 46 CIRCLE (240, 15), 1, 14     |
| 12 PRESET (50, 100)                  | 30 PAINT (25, 140), 2              | 47 CIRCLE (300, 43), 1, 14     |
| 14 DRAW "c6e60c6f60"                 | 31 LINE (20, 150)-(30, 200), 6, BF | 48 PRESET (25, 65)             |
| 15 PRESET (130, 60)                  | 32 CIRCLE (70, 30), 1, 14          | 49 DRAW "c15e3c15f6c15e6c15f3" |
| 16 DRAW "c6e40c6f40"                 | 33 CIRCLE (110, 25), 1, 14         | 50 PRESET (12, 74)             |
| 17 PRESET (162, 110)                 | 34 CIRCLE (130, 40), 1, 14         | 51 DRAW "c15e2c15f5c15e5c15f2" |
| 18 DRAW "c6e70c6f75"                 | 35 CIRCLE (150, 19), 1, 14         | 52 PRESET (33, 78)             |
| 19 PRESET (85, 67)                   | 36 CIRCLE (168, 5), 1, 14          | 53 DRAW "c15e2c15f4c15e4c15f2" |
| 20 DRAW "c6f20c6e10c6r5c6e13"        | 37 CIRCLE (190, 20), 1, 14         | 54 PRESET (130, 115)           |
| 21 PRESET (140, 50)                  | 38 CIRCLE (128, 15), 1, 14         | 55 DRAW "c8r35c8e15c8151c8d15" |
| 22 DRAW "c6f15c6r15c6e23"            | 39 CIRCLE (80, 20), 1, 14          | 56 PRESET (140, 140)           |
| 23 PRESET (206, 65)                  | 40 CIRCLE (220, 30), 1, 14         | 57 DRAW "c12u30c12f25c12125"   |
| 24 DRAW "c6f19c6e25"                 | 41 CIRCLE (195, 10), 1, 14         | 58 CIRCLE (135, 148), 3, 12    |
| 25 CIRCLE (30, 35), 15, 14           | 42 PAINT (30, 35), 14              | 59 CIRCLE (163, 148), 3, 12    |
| 27 CIRCLE (160, 150), 150, 9, , , .2 | 43 CIRCLE (240, 32), 1, 14         | 60 CIRCLE (149, 148), 3, 12    |
|                                      | 44 CIRCLE (260, 50), 1, 14         |                                |
|                                      | 45 CIRCLE (290, 15), 1, 14         |                                |



***-А ЕЩЕ Я ЛЮБЛЮ ОТДЫХАТЬ В ДЕРЕВНЕ У  
БАБУШКИ,-РАЗМЕЧТАЛСЯ КАРАНДАШ. И ОН  
ИЗМЕНИЛ КООРДИНАТЫ. ПОЛУЧИЛОСЬ:***

10 SCREEN 7

11 COLOR 2, 3

12 LINE (170, 120)-(240, 200), 5, BF

13 LINE (170, 120)-(206, 70), 8

14 LINE (206, 70)-(240, 120), 8

15 LINE (206, 70)-(206, 60), 8

16 LINE (206, 60)-(220, 60), 8

17 LINE (220, 60)-(220, 90), 8

18 LINE (200, 150)-(220, 170), 10, BF

19 LINE (210, 150)-(210, 170), 0

20 LINE (200, 160)-(220, 160), 0

21 LINE (170, 170)-(160, 180), 5, BF

22 LINE (170, 180)-(150, 190), 5, BF

23 CIRCLE (70, 60), 30, 14

24 PAINT (70, 60), 14

25 CIRCLE (70, 140), 15, 2

26 PAINT (70, 140), 2

27 LINE (65, 153)-(75, 200), 6, BF

28 CIRCLE (60, 155), 15, 2

29 PAINT (60, 155), 2

30 CIRCLE (80, 160), 15, 2

31 PAINT (80, 160), 2

32 CIRCLE (90, 70), 18, 9

# ***-ХОРОШО БЫ ОТДОХНУТЬ С ДРУГОМ,-ВСПОМНИЛ КАРАНДАШ ПРО ЛЮБИМУЮ ЧЕРЕПАХУ. И НАРИСОВАЛ ЕЁ.***

SCREEN 7

COLOR 6, 14

LINE (30, 70)-(40, 80)

LINE (40, 80)-(50, 90)

LINE (50, 90)-(70, 100)

LINE (70, 100)-(80, 100)

LINE (80, 100)-(80, 110)

LINE (80, 110)-(90, 120)

LINE (90, 120)-(100, 120)

LINE (100, 120)-(100, 110)

LINE (100, 110)-(100, 100)

LINE (100, 100)-(180, 100)

LINE (180, 100)-(190, 100)

LINE (190, 100)-(180, 110)

LINE (180, 110)-(170, 120)

LINE (170, 120)-(180, 120)

LINE (180, 120)-(200, 120)

LINE (200, 120)-(210, 110)

LINE (210, 110)-(220, 100)

LINE (220, 100)-(220, 90)

LINE (220, 90)-(240, 90)

LINE (240, 90)-(250, 80)

LINE (250, 80)-(250, 70)

LINE (250, 70)-(240, 60)

LINE (240, 60)-(220, 60)

LINE (220, 60)-(210, 50)

LINE (210, 50)-(200, 40)

LINE (200, 40)-(190, 30)

LINE (190, 30)-(180, 20)

LINE (180, 20)-(160, 10)

LINE (160, 10)-(100, 10)

LINE (100, 10)-(80, 20)

LINE (80, 20)-(70, 30)

LINE (70, 30)-(60, 40)

LINE (60, 40)-(50, 50)

LINE (50, 50)-(40, 60)

LINE (40, 60)-(30, 70)

LINE (40, 80)-(50, 60), 8

LINE (50, 60)-(40, 60), 8

LINE (50, 60)-(70, 30), 8

LINE (50, 60)-(70, 70), 8

LINE (70, 70)-(50, 90), 8

LINE (70, 70)-(90, 80), 8

LINE (90, 80)-(70, 100), 8

LINE (70, 100)-(80, 100)

LINE (80, 100)-(100, 100)

LINE (100, 100)-(90, 80), 8

LINE (90, 80)-(90, 40), 8

LINE (90, 80)-(130, 80), 8

LINE (90, 40)-(70, 30), 8

LINE (90, 40)-(110, 30), 8

LINE (110, 30)-(110, 10), 8

LINE (110, 30)-(130, 40), 8

LINE (130, 40)-(130, 80), 8

LINE (130, 80)-(120, 90), 8

LINE (120, 90)-(120, 100), 8

LINE (120, 90)-(120, 100), 8

LINE (130, 80)-(140, 80), 8

LINE (140, 80)-(140, 100), 8

LINE (140, 80)-(160, 80), 8

LINE (160, 80)-(170, 100), 8

LINE (160, 80)-(160, 40), 8

LINE (160, 40)-(150, 10), 8

LINE (160, 40)-(130, 40), 8

LINE (160, 40)-(180, 40), 8

LINE (180, 40)-(180, 20), 8

LINE (180, 40)-(200, 70), 8

LINE (200, 70)-(210, 50), 8

LINE (200, 70)-(190, 80), 8

LINE (190, 80)-(180, 90), 8

LINE (180, 90)-(160, 80), 8

LINE (180, 90)-(180, 100), 8

LINE (190, 80)-(210, 90), 8

LINE (210, 90)-(180, 100), 8

LINE (210, 90)-(220, 80), 8

LINE (220, 80)-(200, 70), 8

LINE (200, 70)-(220, 80), 8

LINE (220, 80)-(220, 60), 8

LINE (239, 74)-(239, 76)

LINE (239, 76)-(241, 76)

LINE (241, 76)-(241, 74)

LINE (241, 74)-(239, 74)

PRESET (240, 75), 8

# ***ПОДУМАЛ ЕЩЕ ЧУТЬ-ЧУТЬ И НАРИСОВАЛ БАБУШКИНУ ЛЮБИМУЮ КОШКУ МУРКУ.***

|                              |                                |                               |                                 |                                |
|------------------------------|--------------------------------|-------------------------------|---------------------------------|--------------------------------|
| SCREEN 7                     | LINE (145, 65)-(120, 60), 8    | LINE (190, 100)-(190, 170), 6 | LINE (130, 100)-(140, 110), 15  | LINE (130, 100)-(140, 110), 15 |
| LINE (130, 10)-(130, 70), 6  | LINE (145, 65)-(120, 65), 8    | LINE (190, 170)-(200, 180), 6 | LINE (180, 100)-(170, 110), 15  | LINE (180, 100)-(170, 110), 15 |
| LINE (180, 10)-(180, 70), 6  | LINE (145, 65)-(120, 70), 8    | LINE (120, 170)-(110, 180), 6 | LINE (140, 110)-(130, 120), 15  | LINE (140, 110)-(130, 120), 15 |
| LINE (130, 10)-(150, 30), 6  | LINE (165, 65)-(190, 60), 8    | LINE (110, 180)-(120, 190), 6 | LINE (170, 110)-(180, 120), 15  | LINE (170, 110)-(180, 120), 15 |
| LINE (180, 10)-(160, 30), 6  | LINE (165, 65)-(190, 65), 8    | LINE (200, 180)-(190, 190), 6 | LINE (140, 120)-(130, 120), 15  | LINE (140, 120)-(130, 120), 15 |
| LINE (140, 30)-(170, 30), 6  | LINE (165, 65)-(190, 70), 8    | LINE (120, 190)-(140, 190), 6 | LINE (170, 120)-(160, 130), 15  | LINE (170, 120)-(160, 130), 15 |
| LINE (140, 30)-(130, 40), 6  | LINE (155, 70)-(150, 75), 4    | LINE (190, 190)-(170, 190), 6 | LINE (200, 140)-(210, 130), 6   | LINE (200, 140)-(210, 130), 6  |
| LINE (170, 30)-(180, 40), 6  | LINE (150, 75)-(145, 75), 4    | LINE (140, 190)-(150, 170), 6 | LINE (200, 170)-(240, 130), 6   | LINE (200, 170)-(240, 130), 6  |
| LINE (140, 45)-(150, 45), 2  | LINE (155, 70)-(160, 75), 4    | LINE (170, 190)-(160, 170), 6 | LINE (210, 130)-(210, 70), 6    | LINE (210, 130)-(210, 70), 6   |
| LINE (160, 45)-(170, 45), 2  | LINE (160, 75)-(165, 75), 4    | LINE (150, 170)-(160, 170), 6 | LINE (240, 130)-(240, 80), 6    | LINE (240, 130)-(240, 80), 6   |
| LINE (140, 45)-(140, 55), 2  | LINE (130, 70)-(140, 80), 6    | LINE (160, 170)-(160, 130), 6 | LINE (240, 80)-(250, 70), 15    | LINE (240, 80)-(250, 70), 15   |
| LINE (150, 45)-(150, 55), 2  | LINE (180, 70)-(170, 80), 6    | LINE (150, 170)-(150, 130), 6 | LINE (250, 70)-(250, 50), 15    | LINE (250, 70)-(250, 50), 15   |
| LINE (160, 45)-(160, 55), 2  | LINE (140, 80)-(170, 80), 6    | LINE (120, 130)-(110, 140), 6 | LINE (250, 50)-(230, 50), 15    | LINE (250, 50)-(230, 50), 15   |
| LINE (140, 55)-(150, 55), 2  | LINE (140, 80)-(120, 100), 6   | LINE (110, 140)-(110, 180), 6 | LINE (230, 50)-(220, 60), 15    | LINE (230, 50)-(220, 60), 15   |
| LINE (160, 55)-(170, 55), 2  | LINE (170, 80)-(190, 100), 6   | LINE (200, 140)-(200, 180), 6 | LINE (220, 70)-(230, 70), 15    | LINE (220, 70)-(230, 70), 15   |
| LINE (170, 45)-(170, 55), 2  | LINE (120, 100)-(120, 170), 6  | LINE (140, 80)-(140, 90), 15  | LINE (220, 60)-(210, 70), 6     | LINE (220, 60)-(210, 70), 6    |
| LINE (150, 60)-(160, 60), 12 |                                | LINE (170, 80)-(170, 90), 15  | LINE (230, 80)-(240, 80),       | LINE (230, 80)-(240, 80),      |
| LINE (160, 60)-(155, 70), 12 | LINE (150, 130)-(160, 130), 15 | LINE (140, 90)-(130, 100), 15 | 15LINE (200, 140)-(190, 130), 6 | 15LINE (220, 70)-(220, 60), 15 |
| LINE (150, 60)-(155, 70), 12 | LINE (150, 130)-(140, 120), 15 | LINE (170, 90)-(180, 100), 15 | LINE (230, 70)-(230, 80), 15    |                                |
|                              | LINE (180, 120)-(170, 120), 15 |                               |                                 |                                |



# ***-ЕСЛИ БЫ У МЕНЯ БЫЛА МАШИНА, Я БЫ ДОЕХАЛ БЫСТРО-БЫСТРО,-ЗАДУМАЛСЯ КАРАНДАШ. ВЗЯЛ И СОСТАВИЛ ПРОГРАММУ.***

|                                |                                |                                |
|--------------------------------|--------------------------------|--------------------------------|
| 0 SCREEN 9                     | 220 LINE (130, 260)-(250, 260) | 430 LINE (180, 90)-(180, 150)  |
| 10 COLOR 1, 18                 | 230 LINE (250, 220)-(250, 260) | 440 LINE (30, 185)-(20, 190)   |
| 20 LINE (130, 140)-(20, 150)   | 240 LINE (170, 220)-(170, 240) | 450 LINE (180, 90)-(240, 90)   |
| 30 LINE (10, 230)-(10, 250)    | 250 LINE (170, 240)-(210, 240) | 460 LINE (240, 90)-(240, 150)  |
| 40 LINE (15, 160)-(15, 230)    | 260 LINE (210, 220)-(210, 240) | 470 LINE (180, 150)-(240, 150) |
| 50 LINE (10, 250)-(30, 250)    | 270 LINE (140, 230)-(150, 230) | 480 LINE (270, 220)-(270, 250) |
| 60 LINE (30, 250)-(30, 240)    | 280 LINE (140, 230)-(140, 260) | 490 LINE (230, 160)-(250, 160) |
| 70 LINE (10, 230)-(25, 230)    | 290 LINE (150, 230)-(150, 260) | 500 LINE (230, 160)-(230, 165) |
| 80 LINE (25, 230)-(30, 240)    | 300 LINE (230, 230)-(240, 230) | 510 LINE (250, 160)-(250, 165) |
| 90 LINE (15, 165)-(20, 150)    | 310 LINE (230, 230)-(230, 260) | 520 LINE (230, 165)-(250, 165) |
| 100 LINE (20, 230)-(20, 190)   | 320 LINE (240, 230)-(240, 260) | 530 LINE (130, 150)-(160, 150) |
| 120 LINE (30, 185)-(90, 185)   | 330 LINE (170, 80)-(280, 80)   | 540 LINE (160, 150)-(170, 145) |
| 130 LINE (130, 150)-(130, 260) | 340 LINE (280, 80)-(280, 210)  | 550 LINE (245, 100)-(255, 100) |
| 140 LINE (25, 230)-(40, 200)   | 350 LINE (250, 250)-(270, 250) | 560 LINE (245, 130)-(255, 130) |
| 150 LINE (40, 200)-(80, 200)   | 360 LINE (270, 220)-(280, 210) | 570 LINE (245, 100)-(245, 130) |
| 160 LINE (80, 200)-(120, 240)  | 370 LINE (170, 80)-(170, 200)  | 580 LINE (255, 100)-(255, 130) |
| 170 LINE (120, 240)-(130, 240) | 380 LINE (170, 200)-(180, 210) | 590 LINE (130, 210)-(280, 210) |
| 180 LINE (90, 185)-(130, 230)  | 390 LINE (180, 210)-(260, 210) | 600 LINE (290, 60)-(300, 60)   |
| 190 LINE (20, 150)-(130, 150)  | 400 LINE (260, 210)-(260, 85)  | 610 LINE (290, 60)-(290, 210)  |
| 200 LINE (130, 150)-(170, 80)  | 410 LINE (260, 85)-(180, 85)   | 620 LINE (300, 60)-(300, 90)   |
| 210 LINE (130, 220)-(270, 220) | 420 LINE (180, 85)-(170, 90)   | 630 LINE (300, 110)-(300, 200) |

## *Какая большая программа!*

640 LINE (300, 110)-(340, 110)  
650 LINE (340, 110)-(340, 200)  
670 LINE (300, 200)-(340, 200)  
680 LINE (370, 215)-(275, 215)  
690 LINE (370, 215)-(370, 260)  
700 LINE (370, 260)-(270, 260)  
710 LINE (310, 240)-(330, 240)  
720 LINE (310, 240)-(310, 245)  
730 LINE (330, 240)-(330, 245)  
740 LINE (330, 245)-(310, 245)  
750 LINE (350, 110)-(350, 200)  
760 LINE (330, 245)-(310, 245)  
770 LINE (350, 110)-(350, 200)  
780 LINE (350, 110)-(390, 110)  
790 LINE (350, 200)-(390, 200)  
800 LINE (390, 110)-(390, 200)  
810 LINE (290, 210)-(390, 210)  
820 LINE (300, 90)-(390, 90)  
830 LINE (370, 250)-(390, 250)  
840 LINE (30, 170)-(130, 170)

850 LINE (270, 260)-(270, 250)  
860 LINE (30, 170)-(20, 160)  
870 CIRCLE (70, 245), 40, 1  
880 CIRCLE (70, 245), 25, 1  
890 LINE (300, 90)-(530, 90)  
900 LINE (290, 210)-(600, 210)  
910 LINE (480, 250)-(490, 250)  
920 LINE (570, 250)-(600, 250)  
930 LINE (530, 90)-(530, 80)  
940 LINE (530, 80)-(550, 80)  
950 LINE (600, 230)-(600, 250)  
960 LINE (600, 230)-(610, 230)  
970 LINE (610, 230)-(610, 220)  
980 LINE (410, 110)-(450, 110)  
990 LINE (410, 200)-(410, 110)  
1000 LINE (410, 200)-(450, 200)  
1010 LINE (450, 110)-(450, 200)  
1020 LINE (460, 110)-(500, 110)  
1030 LINE (460, 110)-(460, 200)  
1040 LINE (460, 200)-(500, 200)  
1050 LINE (500, 110)-(500, 200)

1060 LINE (510, 110)-(510, 200)  
1070 LINE (510, 110)-(550, 110)  
1080 LINE (510, 200)-(550, 200)  
1090 LINE (550, 110)-(550, 200)  
1100 LINE (600, 210)-(630, 240)  
1110 LINE (550, 80)-(630, 240)  
1120 CIRCLE (440, 250), 40, 1  
1130 CIRCLE (440, 250), 25, 1  
1140 CIRCLE (530, 250), 40, 1  
1150 CIRCLE (530, 250), 25, 1



# ***-ЕСЛИ НЕ ПОЕДУ НА МОРЕ, ОБЯЗАТЕЛЬНО ПОДНИМУСЬ В ГОРЫ...***

10 SCREEN 7

12 COLOR 2, 8

13 PRESET (0, 90)

14 LINE (0, 90)-(20, 70), 7

15 LINE (20, 70)-(80, 30), 7

16 LINE (80, 30)-(100, 50), 7

17 LINE (100, 50)-(110, 70), 7

18 LINE (110, 70)-(130, 100), 7

19 LINE (110, 70)-(130, 60), 7

20 LINE (130, 60)-(170, 40), 7

21 LINE (170, 40)-(210, 10), 7

22 LINE (210, 10)-(240, 40), 7

23 LINE (240, 40)-(260, 50), 7

24 LINE (220, 100)-(240, 80), 7

25 LINE (240, 80)-(250, 60), 7

26 LINE (250, 60)-(270, 40), 7

27 LINE (270, 40)-(300, 20), 7

28 LINE (300, 20)-(320, 40), 7

29 LINE (50, 50)-(50, 60), 15

30 LINE (50, 60)-(60, 50), 15

31 LINE (60, 50)-(80, 70), 15

32 LINE (80, 70)-(90, 50), 15

33 LINE (90, 50)-(100, 60), 15

34 LINE (100, 60)-(100, 50), 15

35 LINE (170, 40)-(170, 50), 15

36 LINE (170, 50)-(180, 40), 15

37 LINE (180, 40)-(190, 60), 15

38 LINE (190, 60)-(200, 40), 15

39 LINE (200, 40)-(210, 50), 15

40 LINE (210, 50)-(220, 40), 15

41 LINE (220, 40)-(230, 60), 15

42 LINE (230, 60)-(240, 40), 15

43 LINE (270, 40)-(270, 50), 15

44 LINE (270, 50)-(280, 40), 15

45 LINE (280, 40)-(290, 60), 15

46 LINE (290, 60)-(300, 40), 15

47 LINE (300, 40)-(310, 50), 15

48 LINE (310, 50)-(320, 40), 15

49 LINE (0, 100)-(320, 200), 2, BF

*НАПУТСТВИЯ КАРАНДАША:*

*«КАК ХОРОШО ЗНАТЬ ЯЗЫКИ  
ПРОГРАММИРОВАНИЯ. НУЖНО БУДЕТ  
ОСВОИТЬ ДРУГИЕ ЯЗЫКИ: ФОРТРАН,  
ПАСКАЛЬ...»*

*А ВЫ, РЕБЯТА, НАБЕРИТЕ ЭТИ ОПЕРАТОРЫ  
САМИ И ПОСМОТРИТЕ, КАКИЕ РИСУНКИ  
ПОЛУЧИЛИСЬ.»*

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