

Control: operators, loops, conditions

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Prime number

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How can we check it?

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What kind of loop we can use for finding first 1000 prime number?

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What kind of loop we can use for finding first 1000 prime number?

Write the code that calculated first 1000 prime numbers

Read from command line

Scanner - <http://www.cs.utexas.edu/users/ndale/Scanner.html>

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write 2 numbers:>

1

2

enter operation:>

%

result: 0

write 2 numbers:>...

Extra Task

Write password generator on a given alphabet for the given password length (recursive, or better recursiveless).

```
1 public class PassworGenerator{
2     public static String[] generator (char[] alphabet, byte length){
3
4
5
6     }
7
8     public static void main(String[] args){
9         String[] passwords = generator(new char[] {'a', 'b'}, 2)
10
11     }
12 }
```

Result: {"aa", "ab", "ba", "bb" }