Argumentation and Logical Fallacies

Argumentation

- Communicative process of forming reasons and of drawing conclusions and applying them to a case in discussion, in order to convince others.
- Crucial and an integral part of the Debates
- Brings order and constructiveness into disputes

Question Time

What is the difference between Argument and Opinion?

The structure of argument

1. Claim/Thesis
2. Support/Proof
3. Inference/Conclusion

TOULMIN'S MODEL

- CLAIM – Using animals in scientific experiments is justified
- DATA - Scientific experiments on animals can save human life's
- WARRANT – What saves human life's is justified

HOW TO SUPPORT YOUR THESIS PROPERLY

- **Using example**
- **Using analogy**
- **Using causal connections**
- **Using attribute**
- **Using authority**

-ARGUMENTATION USING EXAMPLE

- After a legalizing of marijuana, drug use has declined in Netherlands

-ARGUMENTATION USING ANALOGY

- Marijuana is similar to alcohol. Because of the legality of selling alcohol, selling marijuana should be legalized as well

-ARGUMENTATION USING CAUSAL CONNECTION

- Legalization of marijuana will decrease the amount of organized crime, because it will eliminate black market which is controlled by organized crime.

-ARGUMENTATION USING ATTRIBUTE

- Those countries where punishment for illegal drug selling is very strict, crime rates are lower. Strict punishment is effective tool in fighting against crime

-ARGUMENTATION USING AUTHORITY

- Professor Asmolov of MGU University has conducted a detailed research of human psychology on the subject of drug addiction. In his opinion,…

HOW TO BUILD AN ARGUMENT ? !

- Thesis was proposed
- Thesis was explained
- Thesis was proven
- Conclusion was made

LET US CONSTRUCT SOME ARGUMENTS

LOGICAL FALLACIES
LOGICAL FALLACIES EVERYWHERE
quickmeme.com

ITY

rn after

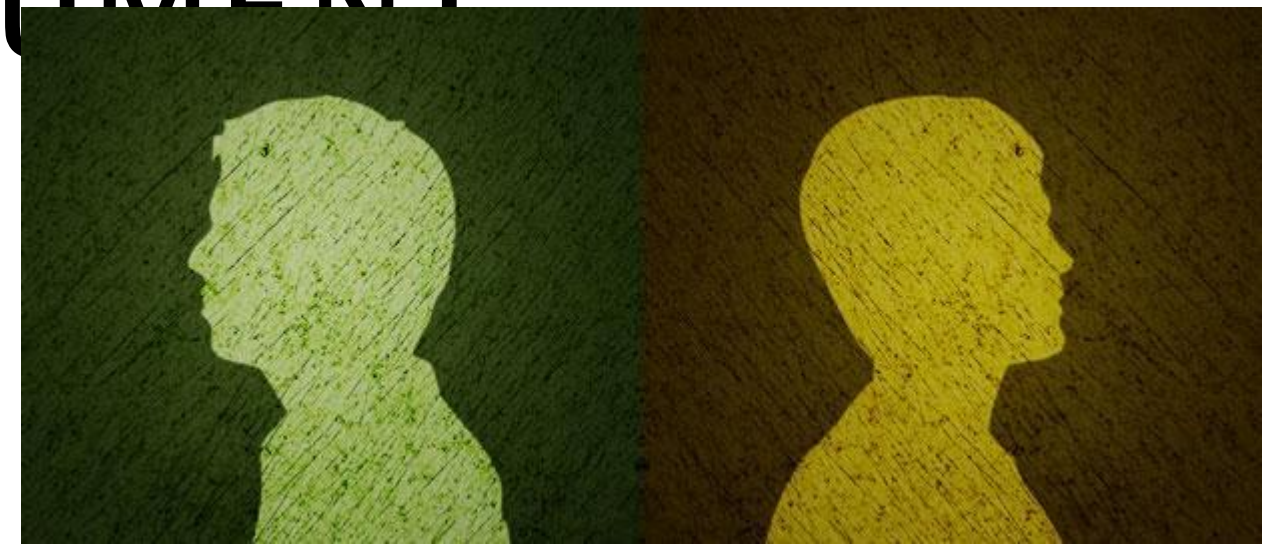
SNOWBALL

- Bringing your argument to an absurd level, by making the logical chain that actually breaks easily between the points

A-> B-> C-> D-> E.

- My pencil was broken – >I will fail the exam because of this – > I will be expelled from my university -> I won't be able to find a job –> I will have no money for the medicines -> I will die from the disease.

CONTROVERSY INSIDE THE ARGUMENT



Our house supports the idea of the humane State……

……

Let us legalize the capital punishment

HASTY GENERALIZATION

Windows XP was a great OS, therefore all Windows OS' are great

THE ALLEGATIONS

The mistake is that the speaker during speech operates with such terms as “it’s bad" or "it's good",

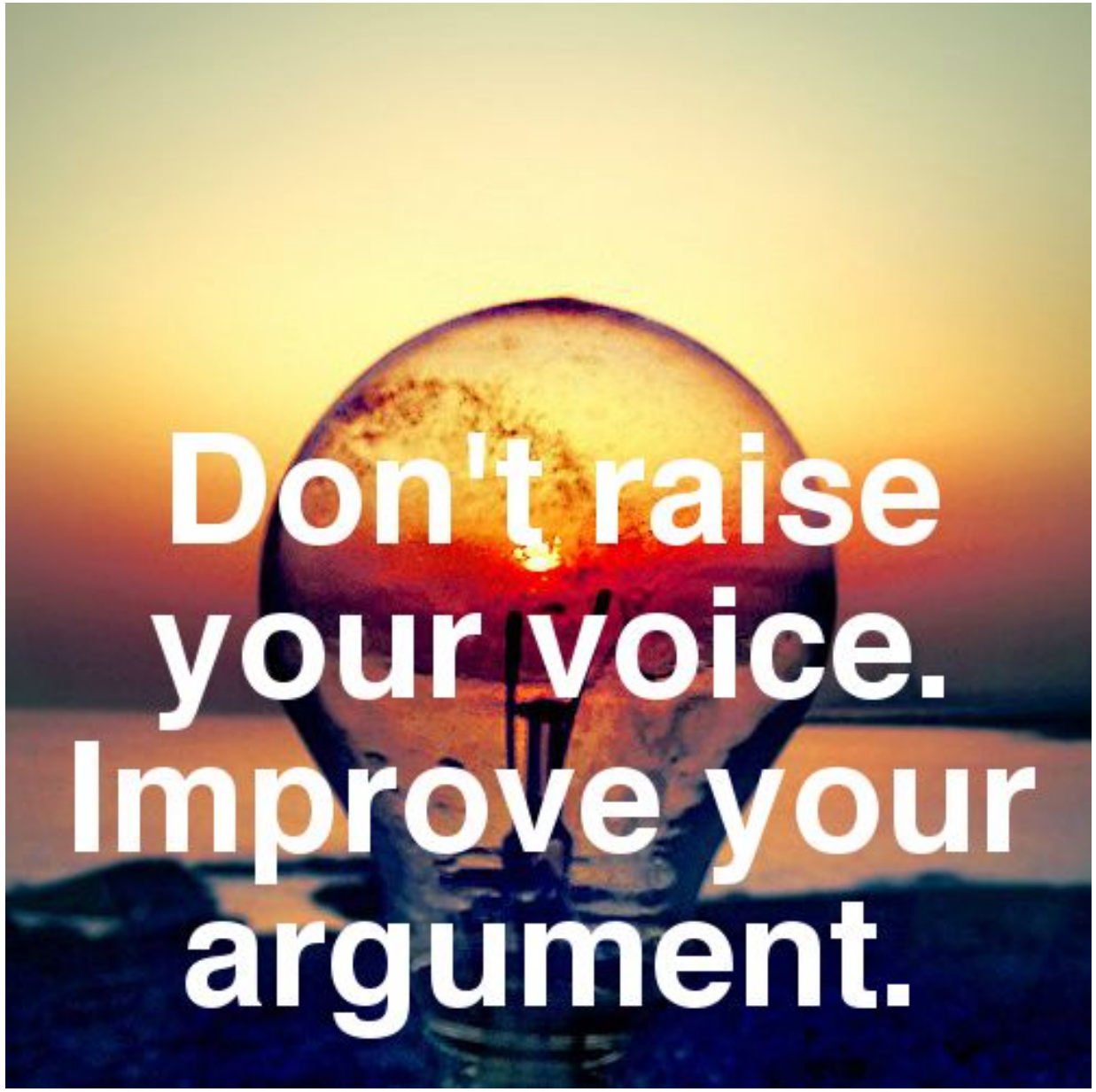
while in the same time not saying

“why it is bad?” and “why it is good?”

- BECAUSE IT’S GOOD

NO TRUE SCOTSMAN

- "no ***true*** Scotsman would do such a thing“
- **“No true Scotsman”** is a logical fallacy that occurs when someone changes the definition of a word to make a claim true by default


Don't raise your voice. Improve your argument.