If statement in programming is always the same in every programming , but keep in in mind that every language has it own syntax (the instruction of writing codes).

The if statement is one of fundamental and very important topic in programming.

Here we are going to learn the logic behind the programming if statement

Programming If statement is almost is like an if statement of any natural language (kinyarw, engli, frech ….)

Let us take an example of an if statement in English , Kinyarwanda and python:

Example1

English: If it is cold I drink tea

Kinyarwanda: iyo hakonje nywa icyayi

Python: if (cold):

I Drink tea

N.B: don’t try to do this in python this has no meaning at all only for education reason

Explanation: as you have seen in above example we use an if statement to check a condition and then if the condition met (true) some event or action can happen.

This mean that we can let one of multiple action or event happen if one of many condition is met

See example two for details

Example2:

English: If it is cold I drink tea , else if hot temperature I drink

Kinyarwanda: iyo hakonje nywa icyayi

Python: if (cold):

I Drink tea