

Code with Me

Meeting #9

code
with
me ♥

Elif Statement

We were learning the If statement, and we learnt how to tell the computer that If something is true, do this, else, do that. But what if I have more than one condition to be met?

`a>b → print ("greater"); a==b → print("equal") → print("less")`

```
if a>b:
    print("greater")
elif a==b:
    print("equal")
else:
    print("Less")
```

THE STATEMENT:

- We can use the Elif Statement to do this.
- Elif is just short for 'Else if'
 - Some languages actually use else if, but Python shortens it!
- The elif comes under the if. You use it in the same command.
- You can add as many elifs as you want inside the code.
- The elif just has to come after the if and before the else.
- I.e, Your statement needs to begin with an if and end with an else condition

```
If asdfasdf:
Elif asdfasdfasdf:
Elif asdfasdfasdf:
Else:
```

SYNTAX:

- `if condition:`
Statement to be carried out.
- `elif condition:`
Statement to be carried out.
- `elif condition:`
Statement to be carried out.
- `else:`
Statement to be carried out.

OTHER NOTES:

- Now try it out! You can try using this in your calculator assignment to make it more efficient!
- You can also try answering this question: Write a program to determine a user's letter grade when given their percentage mark. (Take the percentage as input from the user).
- I'll get you started with this question, and then you can work on it.
- That's it for the `elif` Statement!

Activity:

Ask the user to answer the question "How was your day?"

If their answer is "Good", print out "That's awesome to hear!"

If their answer is "Bad", print out "I'm sorry to hear that. Hope it gets better!"

Else, print out "Oh I see."

Input, if, elif, else

```
mood = input()
```