


# Python Flow Control:

**if else**

# Use **Comparison Operators** for Control Flow

Operator	Meaning
<b>==</b>	Equal to
<b>!=</b>	No equal to
<b>&lt;</b>	Less than
<b>&gt;</b>	Greater than
<b>&lt;=</b>	Less than or equal to
<b>&gt;=</b>	Greater than or equal to
<b>&gt;, &lt;, &gt;=, &lt;= work only with integer or floating numbers</b>	

## SYNTAX:



```
if condition:  
    indented block of code  
else:  
    indented block of code
```

## Examples: **if**, **else**

If **condition is true**, execute  
**if** block of code

If **condition is false**, execute  
**else** block of code

if, else

**#Prompt the user to enter a day of the week**

**day = input("Enter a day of the week")**

**if day == "Wednesday":**

**print("Wear your teal GCC polo shirt")**

**else:**

**print("Wear other GCC colored polo or t-shirt")**

**#Prompt the user to enter maximum number of credits**

**maxCredits = int(input("Enter credits"))**



**if maxCredits > 15:**

**print("See GCC Advisor for Advisement and Approval")**

**else:**

**print("Have a Great Semester")**

**#Prompt the user to enter luggage weight**

**luggageWt = float(input("Enter luggage weight"))**

**if luggageWt > 50:**

**print("Overweight luggage fee is \$100")**

**else:**

**print("Thank you for flying United")**