Python Ka Chilla With Aammar

Use Jupyternotebook

Basic of Python

1_My first program

2_My second program

#1-New program

In [1]:
```
print(2+3)
print("Hello Word")
print("I learn python with Aammar")
```

```
5
Hello Word
I learn python with Aammar
```

#2-Operators

In [2]:
```
print(2+3)
print(3-2)
print(9/2)
print(9//2)
print(9%8)
print(2**3)


print(3**3+22-2/3)
```

```
5
1
4.5
4
1
8
48.333333333333336
```

PEMDAS Parenthesis Exponents Multiply Divide Addition Subtraction Left to Right Sequence for P E M D A S

#3-Strings

In [3]:
```
print("Hello Word")
print("I learn python with Aammar")



print('Test for single quotes')
print("test for second quotes")
print(''' test for triple quotes''')

print("What's  up    ?")
```

```
Hello Word
I learn python with Aammar
Test for single quotes
test for second quotes
 test for triple quotes
What's  up    ?
```

#4-Comments

In [4]:
```
print('How Are YOU')
print("We Are learning python with Aammar")
print(2+3)
```

```
How Are YOU
We Are learning python with Aammar
5
```

#5-Variables

In [5]:
```
Varibales: "Objects containing specific values"
x=5
print(x)

y="We are learning python with Aammar"
print(y)

x=10
print(x)


"Types of Variables"
type(x)
print(type(x))


print(type(y))


fruit_basket=8
fruit_basket="Mangoes","Oranges"
#del fruit_basket
print(type(fruit_basket))
print(fruit_basket)
```

```
5
We are learning python with Aammar
10
<class 'int'>
<class 'str'>
<class 'tuple'>
('Mangoes', 'Oranges')
```

#6-Input Variables

In [6]:
```
fruit_basket="Mangoes"
print(fruit_basket)

"input function simple"
fruit_basket=input("What is your favourite fruit  ?")
print(fruit_basket)

#"input function of 2nd stage"
#name=input("What is your name  ?")
#greetings="Hello"
#print(greetings, name)

#"another way of stage 2 input function"
#name=input("What is your name  ?")
#print("Hello", name)


#"3rd stage input function"
#name=input("What is your name?  ")
#age=input("How old are you?")
#greetings="Hello!"

#print(greetings,name,"you are still young")
```

```
Mangoes
What is your favourite fruit  ?mango
mango
```

#7-Conditional logics

In [7]:
```
# logical operators are either "True or False" or "Yes or No" or "0 or 1"
# equal to                          ==
# not equal to                      !=
# greater than                      >
# less than                         <
# greater than and equal to         >=
# less than and equal to            <=

#is 4 equal to 4
#print(4==4)
#print(4!=4)
#print(3>5)
#print(5<6)
#print(5>=6)
#print(3<=5)

#application of logical operators
hammad_age=4
age_at_school=5
print(hammad_age==age_at_school)

#input function and logical operator
age_at_school=5
hammad_age=input("How old is hammad?  ")  #input function
hammad_age=int(hammad_age)
print(type(hammad_age))
print(hammad_age==age_at_school)   #logical operator
```

```
False
How old is hammad?  5
<class 'int'>
True
```

#8-Types Conversion

In [8]:
```
name=input("What is your name?  ")
print(type(name))
print(name,type(name))
```

```
What is your name?  Nabeel
<class 'str'>
Nabeel <class 'str'>
```