

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

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Python Basics



DATA TYPE :

1- int >>> integer >> ex: 1 ,2 ,3 ,20 ,100

2- float >> ex: 1.5 , 0.5

3-str>>> string >> ex: “hello world”

4-bool>>> True , False

Any thing in python is {Object}

To get the type of any object use function :

type ()

PRINT → HELLO WORLD

If we want to print any thing in python we can use function print to do that :

```
print ("hello world")
```

Out :

```
hello world
```

IF CONDITION

if condition :

code will run if condition **True**

elif condition:

code will run if condition **True**

else:

code that will run when all conditions are **False**

FOR LOOP

EX:

```
for i in range(4):  
    print(i)
```

Out:

0

1

2

3

WHILE LOOP

Ex:

i=0

While i<5:

print(i)

i=i+1

Out:

0

1

2

3

4

INPUT

To get an input from user you can do this with function :

`input()`

Be careful the type of data in this function is **string**

FUNCTIONS

To do any function in python do the steps in this example:

```
def say_hello(name):  
    print(f"hello{name}")  
say_hello("amr")
```

Out:
hello amr

GITHUB



I LEARNED IN GITHUB :

1-git clone

2- git status

3-git add

4- git reset head (file name)

5- git commit -m

6- git branch

7-git remote -v

8- git push (remote name)(branch name)