

# Learning Python

## How to use Jupyter Notebook

### I am learning basics

1- My first program 2- My 2nd program

### First Program

```
In [10]: print(2+3)
print("Hello World")
print("I am learning Python")
print(5*9)
print(8/2)
```

```
5
Hello World
I am learning Python
45
4.0
```

### Second Program

```
In [11]: name=input("What is your name? ")
age=input("What is your age? ")
greetings= "Hello!"

print(greetings,name,)
```

```
What is your name? Asim
What is your age? 12
Hello! Asim
```

### 3rd Program

```
In [12]: req_age_at_school = 10
student_age = input("What's your age son! ")
student_age = int(student_age)

if student_age == req_age_at_school:
    print("You are eligible")
elif student_age > req_age_at_school:
    print("You should join higher school")
elif student_age < req_age_at_school:
    print("You are not eligible")
```

```
What's your age son! 12
You should join higher school
```

### Fouth Program

```
In [13]: def future_age(age):  
         new_age=age +20  
         return new_age  
         print(new_age)  
  
future_predicted_age= future_age(45)  
print("Your predicted age is", future_predicted_age)
```

Your predicted age is 65

## Fifth Program

```
In [14]: days = ["Mon", "Tue", "Wed", "Thu", "Fri", "Sat", "Sun"]  
  
for f in days:  
    if (f=="Sat"):break #Loop stops  
    elif(f=="Tue"):continue #it will skip f i.e Tue  
    print(f)  
  
    # Loops Done  
  
for x in range(43,78):  
    print(x)
```

Mon

Wed

Thu

Fri

43

44

45

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*I learn loops today.*