python ka chilla

we are learning python with baba ammar

basics of python

01-my first pro

In [2]:
```python
print(2+3)
print("hello world")
print("we are learning python with ammar")
```

```
5
hello world
we are learning python with ammar
```

02- operators

In [8]:
```python
print(2+3)
print(6-5)
print(4/3)
print(4//3)
print(4*5)
print(7%2)
print(4**2)
print(4**4*(3-1)//9)
```

```
5
1
1.3333333333333333
1
20
1
16
56
```

03- strings

In [9]:
```python
print("hello world")
print('test for single quotes')
print('''test for tripple quote''')
```

```
hello world
test for single quotes
test for tripple quote
```

04-variables

In [17]:
```python
x=5
print(x)
print(type(x))
#x="we are learning python with ammar"
print(x)
```

```
print(type(x))

fruit_basket="banana,apple"
# del fruit_basket
print(fruit_basket)

y= int(input("input a number"))
print(y+x)
```

```
5
<class 'int'>
5
<class 'int'>
banana,apple
input a number3
8
```

05-input_variables

In [18]:
```
# # fruit_basket="apple"
# # print(fruit_basket)

# # fruit_basket=input("which is your favourite fruit?")
# # print(fruit_basket)

# # name= input("what is your name? ")
# # greetings="hello"

# # print(greetings,name)

# name= input("what is your name? ")
# # greetings="hello"

# print("Hello..",name)
name=input("What is your name?")
age=input("please type your age")
greetings="Hello"
#print(greetings,name,age)

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

```
What is your name?iqra
please type your age9
Hello iqra you are still young
```

06-conditional_logics

In [19]:
```
# print(2==2)
# print(2!=2)
# print(2>2)
# print(2<2)
# print(2>=2)
# print(2<=2)


name=input("Please enter your name?")
#age=16
age=int(input("What's your age?"))
#print(type(age))
```

```python
if age >= 5 and age < 10:
#     print("eligible")
# else:
#     print("not eligible")


    print("Hello", name, "You are eligible for this admission")

else:

    print("Hello", name, "You are too young for school")
```

```
Please enter your name?afaq
What's your age?14
Hello afaq You are too young for school
```

07-if_else_elif

In [10]:
```python
name=input("Please enter your name?")
#age=16
age=int(input("What's your age?"))
# print(type(age))
if age >= 5 and age < 10:
    print("Hello", name, "You are eligible for this admission")
    print("eligible for school")
elif age>=10 and age<20:
    print("eligible for high school")

else:
  print("not eligible")
```

```
Please enter your name?afaq
What's your age?8
Hello afaq You are eligible for this admission
eligible for school
```

08-functions

In [8]:
```python
# def print_codanics():
#   text = "this is my first function"
#   print (text)
# print_codanics()
# print_codanics()
# print_codanics()

def school_age_cal(name, age):
    if age >= 5 and age < 10:
        print("Hello", name, "You are eligible for this admission")
        #print("eligible for school")
    elif age>=10 and age<20:
        print("eligible for high school")
    else:
            print("not eligible")
name=input("Please enter your name?")
age=int(input("What's your age?"))
school_age_cal(name, age)

# def future_age(age):
#     age=age+10
```

```
#      return age

# print(future_age(15))
```

```
Please enter your name?omer
What's your age?24
not eligible
```

09-loops

In [7]:
```python
# def print_codanics():
#      text = "this is my first function"
#      print (text)
# #x=1
# #while(x<=3):
#      #print_codanics()
# #     print_codanics()
# #     print_codanics()
#      # x=x+1
# for x in range(0 ,5):
#      print_codanics()
# #      # print_codanics()
# #      # print_codanics()

 #
day=int(input("Enter day of week"))
if(day==1):
    print("its monday")
elif(day==2):
    print("the day is tuesday")
elif(day==3):
    print("the day is wednesday")
elif(day==4):
    print("the day is thursday")
elif(day==5):
    print("the day is friday")
elif(day==6):
    print("the day is saturday")
elif(day==7):
    print("the day is sunday")
else:
    print("please enter within the range of 1-7")
```

```
Enter day of week8
please enter within the range of 1-7
```

10-import_libraries

In [1]:
```python
import math
print(math.pi)
import statistics
x=[1,2,3]
print(statistics.mean(x))
```

```
3.141592653589793
2
```

In [ ]: