```
#paython is a high level programing language which is easy to and simple to code
#ranging from data analysis to software development,data
#science and many more


#benefits-
#simple and easy to code
#opens up various opportunities in many domains



#print('jaipur')-------written inside double or single quotes

#print(48)--------------no need of single qiotes



print('jaipur')
print('48')


#string---------character or sequance of characters("jaipur")
#int------all the numerical values except decimal values(40,45,46,)

#float------all the decimal values(1.1,2.2)
#boolean/bool-------(True/false)


#--------single line commenting
#'''/"""""line'''/"""""-----multiple line commenting

#to explain or giv any information
#to protect the code from raising any error on some specific sentences

#concatenation
#using + operator
print('jaipur is a nice place '+'and i am proud of my pink city')



age=30
print('Her age is',30,'years old')

#f-string

print(f'her age is {age} years old')

age=23
print(f'my name is anurag my age is {age}')
```

```
jaipur
48
jaipur is a nice place and i am proud of my pink city
Her age is 30 years old
her age is 30 years old
my name is anurag my age is 23
```

```
#variables:
#a=10
#variable name = variable value to be given
#we can check the data type using tye function

a=9
print(type(a))
b='jaipur is a nice place'
print(type(b))

c=True
print(type(c))

d=7.2
print(type(d))
```

```
<class 'int'>
<class 'str'>
<class 'bool'>
<class 'float'>
```