Python

Pip:- Python ka package manger hota hain

Its mens jo saman python ko jarurt lagta h usko pip lakar deta hain.

Buit module & Internet module

Built module:- Jo already pahle se system me ho

External module:- Jisko bahar se lana pade matld ki internet se download karna padta hain.

Comments:- single line comments, multiple line comments

Single line:- #

Multiple line :- “”””

Print=(“Ritesh”)

Print=(“Sharma”)

Ager aap chahte h ki koi new line create na ho to ham print statement me end ka use karke new line ko band kar sakte h

Print=(“ritesh”,end=””)

Scape statement

/n:- new tab, /t:- tab etc

Variables, Datatypes and Type casting

Variable:- ek trah ka storage hota hain jisme ham data pas kate hain.

Data types:- data types means ki data kis type ka hain. String, float, int, char

Strings:- Isme ham koi statement pas karte hain, isko ham double invotated coma me likhte hain.”Ramesh is a good boy”

Int:- 2, 4,1

Float:- 22.7,12.9 isme ham point wale vakue pas karte hain

Boolen:- True false show karta hain Boolean variable return karta hain.

Type casting:- Jab hamko kisi value ko change karna hota hain yani convert karna hota hain tab ham typecasting ka use karte hain.

It means jo value string me h usko int ya float me change karna h that is type casting.

Var1=”ram”

Var2=”shyam”

Printf(int(var1)+int(var2)))

String Slicing And other Function in python.

String= Character ke combination ko string bolte hain. My str=”Ram is a good boy”

Slicing= Hamko ki character ka fura name na leke jita word chahiye uske liye han Slicing karte hai

Mystr=”Ritesh is a smart boy” R I t e s h

Print(mystr) 0 1 2 3 4 5

Ritesh is a smart boy -6 -5 -4 -3 -2 -1

Print(mystr[0:6] Ritesh

Ager hamko name me word ko skip kar ke print karana ho to ham[0:6:2] aise likhenge

[0:]aise likhte h to bhi pura string print ho jayega. [:6] automatic ye 0 le lega[::] ye likhne se pura statement print hoga.

Ager string ki puri lenth check karna h to print(lent(mystr))

[-4:-2] aise ager lika ho to ulta count kar ke usko positive number se convert kar ke nikal sakte h

Print(mystr.isalnum()),isalnum:- alphanumeric

endwith():- koi sentence ke last me jo word hota h use ye true false batata hain.

List and List functions:

grocery[“Apple”,”Perfiume”,”oil”]

Ager ham iske last me kuchh or items add karna chate h to ham append ka use kar ke kar sakte h

Grocery.append(Banana)

Grocery.insert :- isse ham bich me koi item insert kar sakte h.

Grocery.insert(1,grapes) 1 yaha index h means wo kis jagah pe inset hoga 0,1,2 ye index hote h.

Grocery.remove() isse hm kisi bhi item ko delete kr sakte h.

Grocery.pop() last wala item delete ho jayega.

Mutable:- can change

Immutable:- cannot change

Tp=(1,2,3) ()parathanthis braket show karta h tupple. [] square bracket show karta h list.

A=4

B=3

Number inter change karne ke liye isme ham a, b= b, a print(a, b)