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20  
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2.1

List	tuple
List is a build in data type in python which is created by using square brackets & values are separated by comma	tuple is a build in data type in python which is created by using round brackets.
Example	
List = [ 4, 5, 6, 7 ]	Tup = ( 1, 2, 3, 4 )
print (type (List))	print (type (Tup))
o/p → <class 'list'>	o/p → <class 'tuple'>

2]

→ Set data type is used for create sets using given numeric values

- Use to calculate set theories by using formulae, Set is created by using curly braces { }

eg. Set = { 1, 2, 3, 4, 5 }



Q.11)

→ if statement is used in python to check the given condition whether it is true or false

It returns the block after true condition if condition is false then it don't return anything

eg. a = 200

if (a > 200)

print("no. is greater than 200")

2

O/P :- 210

no. is greater than 200

Q.3

→

Integer

Float

- Integer is a numeric data type which stores numeric values which is (+ve, -ve, & zero)

Float is also a numeric data type but it stores floating point values like 10.5

- Ex.

a = 10

print(type(a))

b = 10.5

print(type(b))

O/P → <'int'>

O/P → <'Float'>

2



Q.5]

→ doc string is the first statement of our python program, module & class or method

It use to document the code & provide

- Doc string is used inside the  
(`""" doc string """`)

realme

Q.8]

→ += operator is a assignment operator which is used to assign the values to the variables in the python

eg. `a = 20`  
`a += 10`  
`print(a)`

2 o/p = 30



Q.12]

while

- while is Entry control loop
- In while loop, the firstly we put a condition in round brackets.

2 `a = 10  
while (a < 10)  
print(a)`

- For

For loop is used to repeat the program until the given condition is false

- for loop use condition to terminate the loop.

= eg. `a = 20  
for i in range a:  
print(a)`

Q.13]

→ Break statement is to exit from the loop & break the execution flow & handover the execution to next condition

- This break statement mainly used in the if-elif-else loop.



Q.14]

→ Continue statement is used to continue the control flow in the loop

- It continued the flow of execution in the loop

eg.  $a=10$

if( $a < 5$ )

print("less than 10")

continue;

elif( $a < 6$ )

print("less than 10")

break;

Q.15]

→ In the if else control statement else clause is used to give condition which is if the given condition is false then it return the else statement.