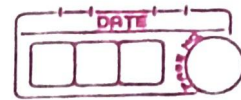


Class Assessment No :- 1



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Batch No :- DA21

22
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Q. 8.

Ans:- Integer Float.

1. Integer value does not contain decimal point in the value. Float value contains decimal point in the value.

2. When Integer data type is determined in Python programming it returns the output in integer form. When Float data type is determined in Python programming it returns the output in float value.

ex.

a = 2

b = 5

print(a + b)

output :-

7

a = 2.5

b = 3.5

print(a + b)

output :-

6.0

Q.7.

Ans. (==) operator :-

The operator (==) is being used to show the condition is same or satisfied as per the user has determine the condition mostly (==). This operator is used to check the condition of two variable that are equal.

ex.

a = 10

b = 10

if (a == b) :

print("a & b are equal")

else :

print("a & b are not equal")

is operator :-

is operator check the if they are execute the same object

Q. 8.

Ans:- The $+=$ operator provides a convenient way to add a value to an existing variable and assign the new value back to the same variable. This operator adds one to the variable.

ex: ~~150~~

$a = 2$

for i in range(2, 11)

$a += 2$

print(a)

Q. 6.

Ans:- The \mathbb{F} Floor division operator performs division addresses the largest integer that is less than or equal to the division result. It truncates (round down). It ~~truncates~~ fractional part of the result ensuring that the result is always integer.

1.

Ans:- The list are always written in square bracket `[]` and the tuples are written in parenthesis `()`. The list can be modify in the program at any position and the tuples can not be modify after creating.

example of list :-

```
a = [1, 2, 3, 4, 5]
print(a)
type(a)
```

example of tuple :-

```
a = (1, 2, 3, 4)
print(a)
```

Q.11.

Ans:- IF Statement :- The if statement

is used in python programming to execute the code if statement is executed when the condition is true. otherwise it shows error.

Syntax :-

if (condition) :-

example.

```
a = 5
if (a == 5) :-
    print ("True")
```

18.

Ans:- break Statement :-

✓ The break keyword is used in python programming to stop the condition of the loop.

ex.

```
a = 1
if (a == 1) :-
    for i in range(1, 11) :-
        a = 5
        break
    print (a)
```

Ans:-

Continue :-

The continue Statement is used in python programming to skip the current iteration and move to the next iteration.

to print multiple lines in a single statement. While loop is an exit control loop and for loop is an entry control loop.

14.

Ans:- Continue :-

The continue statement is used to skip the remaining part of the loop and continue the code.

(2)

ex:

```
a=1
for i in range(1,11):
    if (i%2 == 0):
        print(i)
        continue
    print(i)
```

5.

Ans:- A python doc string is a

string used to document a python module, class, function and method simultaneously so the programmer can understand what it does without having to read the detail of its implementation.

(2)

Q. 2

Ans. Set is one of built in data type in python programming language that is used to store collection of data to other.

② 3 are lists, tuple and dictionary.

All with different qualities. All are set of unordered lists.

1. list example:-

```
A = [1, 2, 3, 4, 5]
print(A)
```

2. Tuples

```
A = (1, 2, 3, 4)
print(A)
```