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Pg ① of ②

Roll : (31)

Div : SE - Sem (4) - Div (A)

SBL - Python - Experiment (1)

→ Aim : Write a python program to demonstrate the use of type function.

→ Theory : (i) type() method returns class type of the arguments passed as parameters

(ii) type() function is mostly used in debugging program.

(iii) There are two types of arguments that can be passed in this method :

a) Single argument b) Three argument

(iv) If single argument is passed, it returns the type of the given object.

(v) If three arguments are passed, it returns a new type object.

→ Program :

```
a = ('apple', 'orange', 'banana')
```

```
b = "Hello World"
```

```
c = 105
```

```
x = type(a)
```

```
y = type(b)
```

```
z = type(c)
```

```
print(x)
```

```
print(y)
```

```
print(z)
```

C.P.T.O.]

→ Output

pg ② of ②

<class 'tuple'>

<class 'str'>

<class 'int'>

→ Result :- Thus with the help of type() function we can get the type of argument passed.