

```
In [14]: a = "this is a python program"
         print(a)
         print(len(a))
```

```
this is a python program
24
```

```
In [3]: x = True
        print(type(x))
```

```
<class 'bool'>
```

```
In [11]: y = "decision"
         print(y.replace("i", "t"))
```

```
dectston
```

```
In [15]: x = 100
         y = 25
         print(x+y)
         print(x-y)
         print(x/y)
         print(x*y)
         print(x+y/y*y-x)
```

```
125
75
4.0
2500
25.0
```

```
In [16]: print("x>y is", x>y)
         print("x<y is", x<y)
         print("x==y is", x==y)
         print("y!=x is", y!=x)
```

```
x>y is True
x<y is False
x==y is False
y!=x is True
```

```
In [ ]: # identity operators
        # is
        # is not
```

```
In [26]: x = "carona"
         y = "lockdown"
         z = "carona lockdown"
         a = "stay at home"
         b = "carona"
         print(x is z)
         print(x is not z)
         print(b is x)
```

```
False
True
True
```

```
In [33]: name = "carona lockdown stay at home"
         print(type(name))
         print("stay" in name)
```

```
<class 'str'>
True
```

```
In [ ]: # 6, and 7 not getting question
```