

```
class Profile:
```

```
    userName = "Sai Kiran"
```

```
    @staticmethod
```

```
    def getDetails():
```

```
        print(Profile.userName) # Sai Kiran
```

```
    @staticmethod
```

```
    def getProducts(productId, productName):
```

```
        print(productId, productName) # 101 Samsung
```

```
Profile.getDetails()
```

```
Profile.getProducts(101, "Samsung")
```

When a variable is declared as static, then a single copy of variable is created and shared among all objects at class level.

```
class Test:
```

```
    a = 10
```

```
    b = 20
```

```
# Instance
```

```
t1 = Test()
```

```
print(id(t1)) # 686807557696
```

```
print(t1.a) # 10
```

```
# Instance
```

```
t2 = Test()
```

```
print(id(t2)) # 686807557120
```

```
print(t1.a) # 10
```

```
t3 = Test.b
```

```
print(t3) # 20
```

```
print(id(t3)) # 180284255120
```

```
t4 = Test.b
```

```
print(t4) # 20
```

```
print(id(t4)) # 180284255120
```