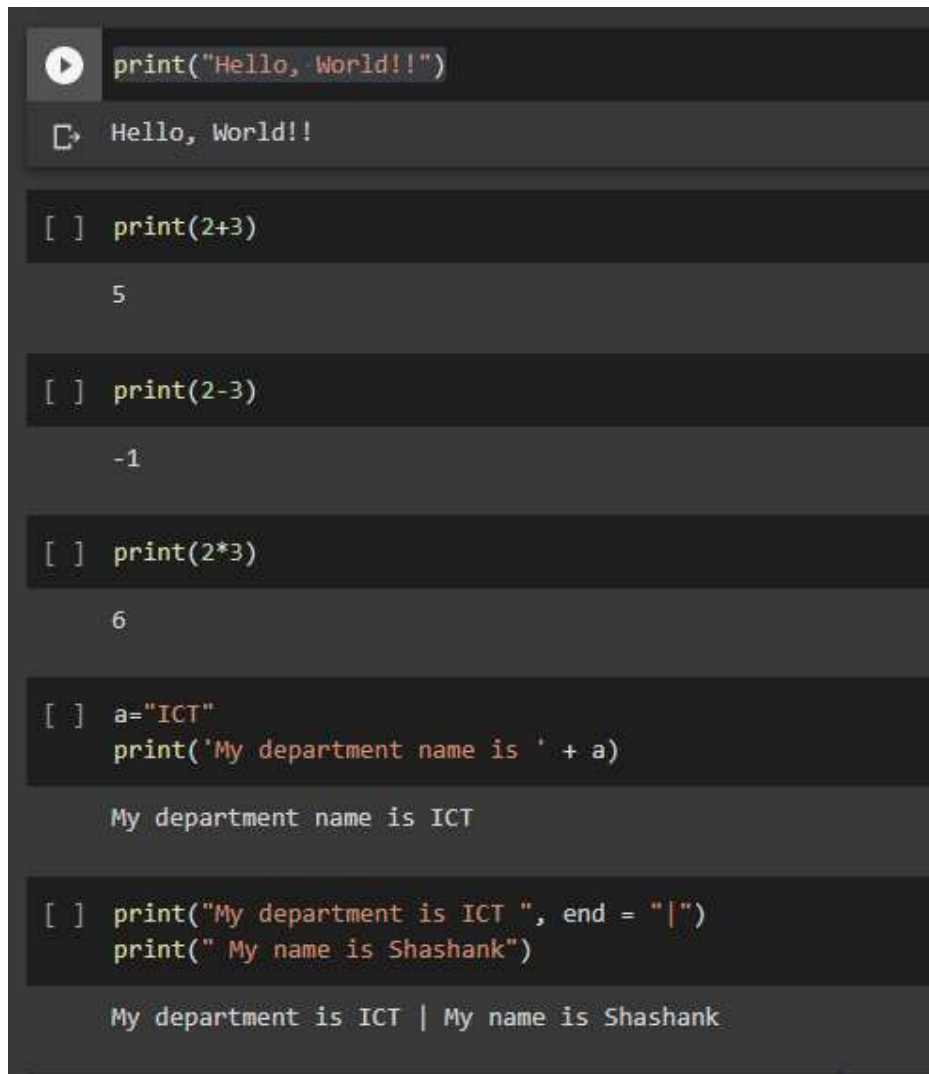


Lab 1**Name : Shashank Bagda****Date : 05 / 07 / 22****Enrollment No : 92100133020****CO1: To write, test, and debug simple Python programs****CO2: To implement Python programs with conditional, loops and functions****Task 1 :****Python Code and Output :**

```
print("Hello, World!!")  
Hello, World!!  
  
[ ] print(2+3)  
5  
  
[ ] print(2-3)  
-1  
  
[ ] print(2*3)  
6  
  
[ ] a="ICT"  
    print('My department name is ' + a)  
My department name is ICT  
  
[ ] print("My department is ICT ", end = "|")  
    print(" My name is Shashank")  
My department is ICT | My name is Shashank
```

```
▶ print("* * * *")  
  print("*      *")  
  print("*      *")  
  print("* * * *")
```

```
↳ * * * *  
   *      *  
   *      *  
   * * * *
```

```
[ ] print(" * * *")  
    print(" *      *")  
    print("*      *")  
    print(" *      *")  
    print(" * * *")
```

```
   * * *  
   *      *  
   *      *  
   *      *  
   * * *
```

```
[ ] a = 2  
    type(a)
```

```
int
```

```
[ ] b = 2.000  
    type(b)
```

```
float
```

```
[ ] c = "ICT"  
    type(c)
```

```
str
```

```
[ ] d = True  
    type(d)
```

```
bool
```

```
▶ e = 3 + 2j  
  print(e, type(e), end = '|')
```

```
↳ (3+2j) <class 'complex'>|
```

```
a = 100
b = 200

print(a<b)
print(a>b)
print(a==b)
print(a!=b)
```

```
True
False
False
True
```

```
a = 2
b = 10

print(a**b)
```

```
1024
```

```
[ ] a = "Shashank"
    len(a)
```

```
8
```

```
[ ] a = "Shashank"
    a.lower()
```

```
'shashank'
```

```
[ ] a = "Shashank"
    a.upper()
```

```
'SHASHANK'
```

```
[ ] a = "My department is ICT"
    print(a[0])
    print(a[-1])

    a.replace('ICT', 'CE')
```

```
M
T
'My department is CE'
```

```
[ ] a = "My department is ICT" [::-1]
    print(a)
```

```
TCI si tnemtraped yM
```