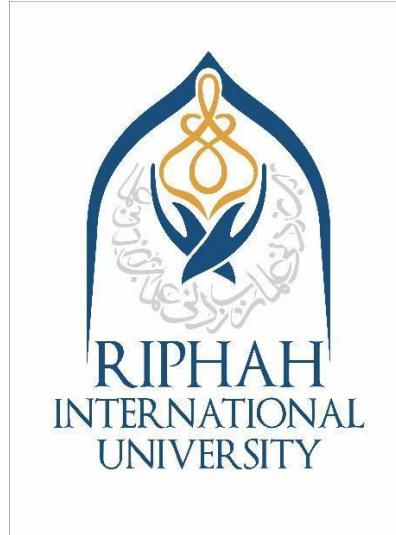# LAB # 01

Artificial Intelligence

Name : Maryum Malik

Sap Id : 45369

Submitted to : mam Ayesha

Task 01:

```
1    name = "Maryum Malik"
2    age = 21
3    address = "abz"
4    phone_no = "013687588463"
5    email = "maryum123@gmail.com"
6    cnic = 37303
7
8    print(name)
9    print(age)
10   print(address)
11   print(phone_no)
12   print(email)
13   print(cnic)
14
```

Run   🐍 task 1 ×

```
Maryum Malik
21
abz
013687588463
maryum123@gmail.com
37303
```

Task 02:

```
sap_id = int(input("Enter your sap id"))
name = input("Enter your name")
print("hey",name,"your sap id is",sap_id)
```

Output:

```
sap_id = int(input("Enter your sap id"))
name = input("Enter your name")
print("its",name,"your sap id is",sap_id)
```

Run   🐍 task 2 ×

```
Enter your sap id 45369
Enter your name maryum
its  maryum your sap id is 45369
```

Task 03:

```python
a=1
b=2
temp=a
a=b
b=temp
print("After swapping: a={}, b={}".format( *args: a, b))
```

Output:

Run   🐍 task 3 ×

```
C:\Users\user\PycharmProjects\PythonProject\.venv\Scripts\
After swapping: a=2, b=1
```

Task 04:

```python
message = "Programming language"
print("index of 'r':",message.find('r'))
print("index of 'a':",message.find('a'))
print("index of 'm':",message.find('m'))
print("index of 'n':",message.find('n'))
print("index of 'u':",message.find('u'))
```

Output:

```
Run        task 4  ×

↑     index of 'r': 1
↓     index of 'a': 5
      index of 'm': 6
      index of 'n': 9
      index of 'u': 16
```

Task 05:

```python
1   x = 10
2   y = 20
3   print(x==y)
4   print(x!=y)
5   print(x>y)
6   print(x<y)
7   print(x<=y)
8   print(x>=y)
9
```

```
Run        task 5  ×

↑     False
↓     True
      False
      True
      True
>     False
```