

Artificial Intelligence



Lab 01

Name: Hajira Imran

Sap ID: 44594

Submitted to: Ma'am Ayesha Akram

Batch: BSCS-6th semester

Task 01:

```
1 sap_id = int(input("Enter your sap id"))
2 name = input("Enter your name")
3 print("hello",name,"your sap id is",sap_id)
4
```

Run task 2 x

Enter your sap id 44594
Enter your name hajira
hello hajira your sap id is 44594

Task 02:

```
1 name = "Hajira Imran"
2 age = 21
3 address = "abz"
4 phone_no = "013687588463"
5 email = "hajira123@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

Hajira Imran
21
abz
013687588463
hajira123@gmail.com
37303

Task 03:


```
1 a=1
2 b=2
3 temp=a
4 a=b
5 b=temp
6 print("After swapping: a={}, b={}".format(*args: a, b))
7
8
```

Output:




Run task 3

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

Task 04:

```
1 message = "Programming language"
2 print("index of 'r':",message.find('r'))
3 print("index of 'a':",message.find('a'))
4 print("index of 'm':",message.find('m'))
5 print("index of 'n':",message.find('n'))
6 print("index of 'u':",message.find('u'))
7 
8 |
```

Output:

```
Run task 4 x
  | 
↑ index of 'r': 1
↓ index of 'a': 5
|| index of 'm': 6
⇌ index of 'n': 9
⇌ index of 'u': 16
>
```

Task 05:

```
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 x



↑	False
↓	True
⇌	False
⇒	True
⇐	True
>	False