

# Artificial-Intelligence

## Lab#1

### Task 1:

Write a python program to display your profile like:  
name,age address, phone no, email, age, cnic in different  
lines.

```
name='Alisha' age=21 address='street 2  
house no.74 Rawalpindi' phoneNo=123  
email='123@gmail.com' cnic=37405;  
print('My name is', name ) print('My  
age is',age ) print('My address is  
,address ) print('My phone number is  
,phoneNo) print('My email is '  
,email) print('My cnic is ' ,cnic)
```

### Output:

```
My name is Alisha  
My age is 21  
My address is street 2 house no.74 Rawalpindi  
My phone number is 123  
My email is 123@gmail.com My  
cnic is 37405
```

### Task 2:

Write a python program that:

- Takes sap id as input from the user
- Takes name as input from the user
- Shows an output "hey '**name**' your sap is '**sap**'"

```
sap=int (input('Enter sap Id'))  
Name=(input('Enter name'))  
print('hey'+Name+ 'you sap is'+sap)
```

**Output:**

```
Enter sap Id123 Enter  
namealisha hey alisha you  
sap is 123
```

**Task 3:**

Write a python program to swap two variables.

```
a=2 b=3  
swap=a  
a=b  
b=swap  
print('a after  
swappin  
g',a)  
print('b after  
swappin  
g',b)
```

**Output:**

```
a after swapping 3 b  
after swapping 2
```

**Task 4:**

Message=" Programming language", find  
r, a, m, n, u in this string.

```
message='programming language'  
print(message.find('r'))  
print(message.find('e'))  
print(message.find('m'))  
print(message.find('g'))
```

**Output:**

```
1  
19  
6  
3
```

**Task 5:**

Take two variables and initialize them, apply comparison operators using print statement.no conditional statements allowed.

```
a=5 b=8  
print(a<b)
```

**Output:**

```
True
```