

```
In [44]: ▶ 1 userName =['Ajith', 'Rahul', 'kiruba']
          2 mailId = ['aj@gmail.com', 'rah@gmail.com', 'kirub@gmail.com']
          3 number = [8610401969, 8976542321, 9887098776]
```

```
In [50]: ▶ 1 newuser= []
          2 newuser
```

Out[50]: []

```
In [46]: ▶ 1 User_name = input('Enter the Username: ')
          2 Mail_id = input('Enter the Mail ID: ')
          3 Number = int(input('Enter the Number: '))
          4
          5
          6 if User_name in userName and Mail_id in mailId and Number in number:
          7     print('Enable signup')
          8     if '@' in Mail_id and '.com' in Mail_id:
          9         print('Valid user Details')
         10     else:
         11         print('Invalid Email address')
         12 else:
         13     print('Create new account')
         14
```

```
Enter the Username: praveen
Enter the Mail ID: prav@gmail.com
Enter the Number: 768768787
Create new account
```

In [51]: ▶

```
1 response = input('Do you want to create new account? ')
2
3 if response == 'yes':
4
5     NewUser_name = input('Enter The Name: ')
6     New_mailid = input('Enter the Mail id: ')
7     New_number = int(input('Enter the number: '))
8
9     if NewUser_name in userName:
10         print('Username already exist')
11     else:
12         print('Valid Username')
13
14     if New_mailid in mailId:
15         print('Email address already exist')
16     else:
17         print('Valid Email address ')
18
19     if New_number in number:
20         print('Number Already exist')
21     else:
22         print('Valid number')
23
24
25     if NewUser_name not in userName and New_mailid not in mailId and New_number not in number:
26
27         newuser.append(NewUser_name)
28         newuser.append(New_mailid)
29         newuser.append(New_number)
30
31
```

```
18
19     if New_number in number:
20         print('Number Already exist')
21     else:
22         print('Valid number')
23
24
25     if NewUser_name not in userName and New_mailid not in mailId and New_number not in number:
26
27         newuser.append(NewUser_name)
28         newuser.append(New_mailid)
29         newuser.append(New_number)
30
31
32     print(f'your Account detials are: {newuser}')
33
34
35 else:
36     print('Ok, Have a nice day')
```

Do you want to create new account? yes

Enter The Name: praveen

Enter the Mail id: praveen@gmail.com

Enter the number: 7899888998


Valid Username

Valid Email address


Valid number

your Account detials are: ['praveen', 'praveen@gmail.com', 7899888998]


Answer

In [1]:  1 Mail = input('Enter the mail id: ')


Enter the mail id: aj@gmail.com

In [2]:  1 if '@' in Mail and '.com' in Mail:
2 print('Valid mail address')
3 else:
4 print('Invalid Mail address')


Valid mail address

In [3]:  1 number = input('Enter the Number: ')


Enter the Number: 878765534

In [4]:  1 for char in number:
2 if char not in '0123456789':
3 print('Invalid Mobile Number')
4 else:
5 print('Valid Mobile Number')

Valid Mobile Number

In [92]:  1 users = []
2 users

Out[92]: []

In [93]:  1 username = input('Enter the name:')
2 mail = input('Enter the mail id: ')
3 number = input('Enter the mobile number: ')

Enter the name:Ajith
Enter the mail id: aj@gmail.com
Enter the mobile number: 6768768768

```
In [93]: 1 username = input('Enter the name:')
          2 mail = input('Enter the mail id: ')
          3 number = input('Enter the mobile number: ')
```

```
Enter the name:Ajith
Enter the mail id: aj@gmail.com
Enter the mobile number: 6768768768
```

```
In [94]: 1 user = {
          2     'userName' : username,
          3     'mail' : mail,
          4     'number' : number,
          5 }
```

```
In [79]: 1 for person in users:
          2     if person['userName'] == user['userName']:
          3         print('Username already exists')
          4     else:
          5         users.append(user)
```

```
Username already exists
```

```
In [78]: 1 users
```

```
Out[78]: [{'userName': 'ajith', 'mail': 'aj@gmail.com', 'number': '7897987897'}]
```

```
In [ ]: 1
```