

```
In [1]: import re
```

```
In [2]: def valid(num):  
        pattern = re.compile('[6-9]\d{9}')  
        return pattern.match(num)  
  
        num = input("enter a mobile number :")  
        if valid(num):  
            print("valid mobile number")  
        else:  
            print("invalid mobile number")
```

```
enter a mobile number :9959418521  
valid mobile number
```

```
In [ ]:
```

```
In [3]: def valid(name):  
        pattern = re.compile('^[A-Z][a-z]+$')  
        return pattern.match(name)  
  
        name = input("enter a name:")  
        if valid(name):  
            print("valid name")  
        else:  
            print("invalid name")
```

```
enter a name:Vaidhik  
valid name
```

```
In [ ]:
```

```
In [4]: def valid(date):  
        pattern = re.compile('\d{2}-\d{2}-\d{4}')  
        return pattern.match(date)  
  
        date = input("enter a date : ")  
        if valid(date):  
            print("valid date")  
        else:  
            print("invalid date")
```

```
enter a date : 25-12-2002  
valid date
```

```
In [ ]:
```

```
In [5]: def valid(email):  
        pattern = re.compile("[\w._%+-]+@[ \w.-]+\.[a-zA-Z]+")  
        return pattern.match(email)  
  
        email = input("enter a email :")  
        if valid(email):  
            print("valid E-mail")  
        else:  
            print("invalid E-mail")
```

```
enter a email :ladduvaida521@gmail.com  
valid E-mail
```