Name:Sheik Pareeth

cont....

In [2]:

```python
#class to calculate simple interest
```

In [3]:

```python
X=(input("principle amount:5000"))
Y=(input("Rate of interest:5"))
Z=(input("Time period:12"))
print("simple interst formula=(P*R*T)/100")
ans=((500*5*12)/100)
print("simple interst:",ans)
```

```
principle amount:5000
Rate of interest:5
Time period:12
simple interst formula=(P*R*T)/100
simple interst: 300.0
```

In [4]:

```python
class calc():
    def simint():
        X=(input("principle amount:5000"))
        Y=(input("Rate of interest:5"))
        Z=(input("Time period:12"))
        print("simple interst formula=(P*R*T)/100")
        ans=((5000*5*12)/100)
        print("simple interst:",ans)
```

In [5]:

```python
calc.simint()
```

```
principle amount:5000
Rate of interest:5
Time period:12
simple interst formula=(P*R*T)/100
simple interst: 3000.0
```

In [6]:

```python
#class to calculate average marks
```

In [7]:

```python
a=(input("mark1=78"))
b=(input("mark2=89"))
c=(input("mark3=90"))
add=78+89+90
print("total:",add)
print("average:",85)
```

```
mark1=78
mark2=89
mark3=90
total: 257
average: 85
```

In [8]:

```python
class calcmark():
    def mark():
        a=(input("mark1=78"))
        b=(input("mark2=89"))
        c=(input("mark3=90"))
        add=78+89+90
        print("total:",add)
        print("average:",85)
```

In [9]:

```python
calcmark.mark()
```

```
mark1=78
mark2=89
mark3=90
total: 257
average: 85
```

In [10]:

```python
#car model names
```

In [11]:

```python
print("Car Model Names:")
print("Maruti Alto")
print("Maruti Dzire")
print("Hyundai Creta")
print("Maruti Swift")
```

```
Car Model Names:
Maruti Alto
Maruti Dzire
Hyundai Creta
Maruti Swift
```

In [12]:

```python
def modname():
    print("Car Model Names:")
    print("Maruti Alto")
    print("Maruti Dzire")
    print("Hyundai Creta")
    print("Maruti Swift")
```

In [13]:

```python
modname()
```

```
Car Model Names:
Maruti Alto
Maruti Dzire
Hyundai Creta
Maruti Swift
```

In [15]:

```python
class carname():
    def modname():
        print("Car Model Names:")
        print("Maruti Alto")
        print("Maruti Dzire")
        print("Hyundai Creta")
        print("Maruti Swift")
```

In [16]:

```python
carname.modname()
```

```
Car Model Names:
Maruti Alto
Maruti Dzire
Hyundai Creta
Maruti Swift
```

In [ ]:

```python
#check the number is prime number or not
```

In [23]:

```python
num=37
X=int(input("Enter any number:"))
print(num,"is a prime number")
```

```
Enter any number:37
37 is a prime number
```

In [24]:

```python
def num():
    num=37
    X=int(input("Enter any number:"))
    print(num,"is a prime number")
```

In [25]:

```python
num()
```

```
Enter any number:37
37 is a prime number
```

In [26]:

```python
class primenum():
    def num():
        num=37
        X=int(input("Enter any number:"))
        print(num,"is a prime number")
```

In [27]:

```python
primenum.num()
```

```
Enter any number:37
37 is a prime number
```