1.

```
class CreditCard:
  def __init__(self,Card_Holder_Name,C_Balance,C_No,Max_Limit):

    self.Card_Holder_Name = Card_Holder_Name
    self.C_Balance = C_Balance
    self.C_No = C_No
    self.Max_Limit = Max_Limit

  def Deposite(self, deposite):
    self.C_Balance = self.C_Balance+deposite

  def debit(self, pay):
    if (self.C_Balance>=pay):
      self.C_Balance =self.C_Balance - pay

  def show_C_Balance(self):
    print(self.C_Balance)

  def Pay_Bill(self,money_back):
    self.C_Balance = self.C_Balance+money_back
    print(self.C_Balance)
```

```
customer =CreditCard("Rafsan",60000,"1002",1000000)
```

```
customer.show_C_Balance()
```

```
60000
```

```
customer.Deposite(10000)
```

```
customer.show_C_Balance()
```

```
70000
```

```
customer.debit(70000)
```

```
customer.show_C_Balance()
```

```
0
```

```
customer.Pay_Bill(9000)
```

```
9000
```

```
customer.show_C_Balance()
```

```
9000
```

2.

```
import math as p
class Physicsformula:

  def formula0(self,a,t,u):
    self.v= u+a*t
    print(self.v)

  def formula1(self,a,u,t):
    self.s=u*t+.5*a*(t**2)
    print(self,s)

  def formula2(self,u,v,t):
    self.s=.5*(u+v)*t
    print(self.s)

  def formula3(self,s,a,u):
    self.v=p.sqrt(u*u+2*a*s)
    print(self.v)
```

```
t= Physicsformula()
```

```
t.formula0(3,2,1)
```

```
7
```