In [1]:
```
#checkbal
#withdraw
#deposit
#change pin
```

In [ ]:
```
class ATMClass:
  def __init__(self,name,pin,balance):
      self.name=name
      self.pin=pin
      self.balance=balance

  def checkbal(self):
      upin=int(input("Enter Your PassWord"))
      if(upin==self.pin): #pin validation-correct
          print("Your Total Balance is:",self.balance)
      else:
          print("Incorrect Pin")

  def withdraw(self):
    upin = int(input("Enter Your PassWord: "))
    if upin == self.pin:   # pin validation correct
        print("Your Total Balance is:", self.balance)

        while True:
            amm = float(input("Enter Amount you want to withdraw: "))
            if amm <= self.balance:
                print(f"{amm} are Debited")
                self.balance -= amm
                print("Now Your Total Balance is:", self.balance)
                break  # Exit the loop after successful withdrawal
            else:
                print("Insufficient Balance, try again.")
    else:
        print("Incorrect Pin")



  def deposit(self):
      damm=float(input("Enter Deposit Amount"))
      self.balance +=damm
```

```
      print("Now Your Total Bal is",self.balance )
  def changepin(self)  :
     p=int(input("Enter Your Pin"))
     if( self.pin==p):
         updatedpin=int(input("Enter new pin"))
         self.pin=updatedpin
         print("Pin Reset successfully")
         print("Your Current Pin is:",self.pin)
     else:
         print("Incorrect Pin")

a=ATMClass("Payal",5678,10000)
while True:
    print("-----------------------------------------------\n")
    print("1. Check Balance")
    print("2. withdraw Amount ")
    print("3.deposit Amount ")
    print("4. Change Pin")
    print("5. Exit")
    print("\n-----------------------------------------------")
    ch=int(input("Enter your choice:"))
    if(ch==1):
      a.checkbal()
    elif(ch==2):
      a.withdraw()
    elif(ch==3):
      a.deposit()
    elif(ch==4):
      a.changepin()
    elif(ch==5):
      print("Exited")
      break
    else:
       print("Invalid Input")
```

```
---------------------------------------------

1. Check Balance
2. withdraw Amount
3.deposit Amount
4. Change Pin
5. Exit

---------------------------------------------
Incorrect Pin
---------------------------------------------

1. Check Balance
2. withdraw Amount
3.deposit Amount
4. Change Pin
5. Exit

---------------------------------------------
Your Total Balance is: 10000
2000.0 are Debited
Now Your Total Balance is: 8000.0
---------------------------------------------

1. Check Balance
2. withdraw Amount
3.deposit Amount
4. Change Pin
5. Exit

---------------------------------------------
```

In [ ]: