

```

1 class Bank:
2     account_no=202300
3     def create_account(self):
4         Bank.account_no+=1
5         self.accno=Bank.account_no
6         print("Your account created: ",self.accno)
7         self.name=input("Enter name: ")
8         while True:
9             self.amount=float(input("Enter amount to start account: "))
10            if self.amount<2000:
11                print('you need minimum 2000 to start a account \n please enter amount greater than 2000')
12            else:
13                break
14            print("Account number:"+str(self.accno)+" Name:"+self.name+" Amount:"+str(self.amount))
15            #print(self)#self.deposit_ammount()
16        def __str__(self):
17            return "Account number:"+str(self.accno)+" Name:"+self.name+" Amount:"+str(self.amount)
18
19        def deposit_ammount(self):
20            while True:
21                self.deposit=float(input("Enter amount to deposit: "))
22                if self.deposit<=0:
23                    print('please enter amount greater than 0')
24                else:
25                    self.amount +=self.deposit
26                break
27
28        def withdraw_ammount(self):
29            while True:
30                self.withdraw=float(input("Enter amount to withdraw: "))
31                amnt = self.amount-self.withdraw
32                if self.withdraw<=0 or amnt<2000:
33                    print('Transaction will lead to minimum account hence terminated')
34                else:
35                    self.amount = amnt
36                break

```

```

1 b1=Bank()
2

```

```

1 b1.create_account()

```

```

Your account created:  202301
Enter name: amar
Enter amount to start account: 1000
you need minimum 2000 to start a account
please enter amount greater than 2000
Enter amount to start account: 1500
you need minimum 2000 to start a account
please enter amount greater than 2000
Enter amount to start account: 2000
Account number:202301 Name:amar Amount:2000.0

```

```
1 b1.withdraw_ammount()
```

Enter amount to withdraw: 2900

```
1 print(b1)
```

Account number:202301 Name:amar Amount:11100.0

```
1 b1.deposit_ammount()
```

Enter amount to deposit: -9999
please enter amount greater than 0
Enter amount to deposit: 12000

```
1 b2=Bank()
```

```
2 b2.create_account()
```

Your account created: 202202
Enter name: RUTUJA
Enter amount to start account: 2000
Account number:202202 Name:RUTUJA Amount:2000.0

```
1 b1.deposit_ammount()
```

Enter amount to deposit: 3000

```
1 print(b1)
```

Account number:202201 Name:amar Amount:6000.0

```
1 acclist=[]
2 while True:
3     ch=int(input("\n1.Create Account\n2.Check Balance\n3.Deposit Amount\n4.Withdraw amount\n0.Exit\n:"))
4     if ch==1:
5         b=Bank()
6         b.create_account()
7         acclist.append(b)
8     elif ch==2:
9         searchno=int(input("Enter account number:"))
10        flag=False
11        for i in acclist:
12            if i.accno==searchno:
13                print(i)
14                flag=True
15        if flag==False:
16            print("Account doesnt exist\ncreate a account first")
17
18    elif ch==3:
19        searchno=int(input("Enter account number:"))
20        flag=False
21        for i in acclist:
22            if i.accno==searchno:
23                i.deposit_ammount()
```

```

24     print(i)
25     flag=True
26     if flag==False:
27         print("Account doesnt exist\ncreate a account first")
28 elif ch==4:
29     searchno=int(input("Enter account number:"))
30     flag=False
31     for i in acclist:
32         if i.accno==searchno:
33             i.withdraw_ammount()
34             print(i)
35             flag=True
36     if flag==False:
37         print("Account doesnt exist\ncreate a account first")
38
39 elif ch==0:
40     print("Exiting.....")
41     break
42 else:
43     print("Error")

```

```

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
:1
Your account created: 202302
Enter name: hulk
Enter amount to start account: 30000
Account number:202302 Name:hulk Amount:30000.0

```

```

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
:1
Your account created: 202303
Enter name: iorn man
Enter amount to start account: 120000
Account number:202303 Name:ior man Amount:120000.0

```

```

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
:2
Enter account number:202302
Account number:202302 Name:hulk Amount:30000.0

```

```

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
:3

```

```
Enter account number:202301
Account doesnt exist
create a account first

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
:3
Enter account number:202302
Enter amount to deposit: 10000
Account number:202302 Name:hulk Amount:40000.0

1.Create Account
2.Check Balance
3.Deposit Amount
4.Withdraw amount
0.Exit
```