

```
pin = int(input("\nHello User! (^_^)\nPlease enter your Pin to proceed\n\nTo  
exit, Press 1\n\nPin : "))
```

```
if pin != 1:
```

```
    class ATM:
```

```
        balance = int(15000)
```

```
        def withdrawal(self,amount):
```

```
            balance = self.balance
```

```
            if amount > balance:
```

```
                print("\nSorry!\nEntered amount exceeds your Bank  
Balance\n\nThank You for choosing our ATM (^_^)\n")
```

```
            else :
```

```
                balance = balance - amount
```

```
                print(f"\n{amount} debited from account.\nRemaining Bank  
Balance is {balance}\n\nThank You for choosing our ATM (^_^)\n")
```

```
        def bal(self):
```

```
            print(f"\nCurrent Bank Balance : {self.balance}\n\nThank You for  
choosing our ATM (^_^)\n")
```

```
        def deposit(self,depAmount):
```

```
            balance = self.balance
```

```
            balance = balance + depAmount
```

```
            print(f"\n{depAmount} deposited to account.\nBank Balance is  
{balance}\n\nThank You for choosing our ATM (^_^)\n")
```

```
        def pinChange(self):
```

```
            def change():
```

```
                int(input("\nEnter OTP : \n"))
```

```
a = int(input("\nEnter New Pin :\n"))

b = int(input("\nConfirm New Pin :\n"))

if a == b:

    print("\nPin changed successfully!\n\nThank You for choosing
our ATM (^_^)\n")

else:

    print("\nPins don't match\nPlease retry!\n")

    change()

change()

customer = ATM()

print("\nWelcome!\n\nWhat would you like to do?")

def Choices():

    print("1) Balance Enquiry")

    print("2) Cash Withdrawal")

    print("3) Deposit Money")

    print("4) Change PIN")

    print("5) EXIT")

Choices()

choice = int(input("\nEnter the option number: "))

def Execution(choice):

    if choice == 1:

        customer.bal()

    elif choice == 2:
```

```
customer.withdrawal(int(input("\nEnter amount :\n")))
```

```
elif choice == 3:
```

```
customer.deposit(int(input("\nEnter amount :\n")))
```

```
elif choice == 4:
```

```
customer.pinChange()
```

```
elif choice == 5:
```

```
print("\nThank You for choosing our ATM (^_^)\n")
```

```
exit()
```

```
else:
```

```
print("Invalid option!\nPlease choose a valid option.\n",Choices())
```

```
choice = int(input("Enter the option number: "))
```

```
Execution(choice)
```

```
Execution(choice)
```

```
else :
```

```
print("\nThank You for choosing our ATM (^_^)\n")
```