In [3]:
```python
# To create ATM Machine System by using function and OOp's concept , in that project we can set atm pin, check balance, deposite
# money and withraw money .


class ATM:
    _pin = " "
    _balance = 0
    def __init__(self,bank_name):
        self.name = bank_name
        print("Welcome to {} bank ATM".format(self.name))
        self.manu()
    def manu(self):
        choice = int(input("""plese select option
                                            1. PIN SET
                                            2. CHECK BALANCE
                                            3. deposit
                                            4. withdraw
                                            5. Exsist"""))

        if choice==1:
            self.set_pin()
        elif choice == 2:
            self.check_balance()
        elif choice == 3:
            self.deposite()
        elif choice == 4:
            self.withdraw()
        elif choice== 5:
            print("thank you for banking {}".formate(self.name))
            return

    def set_pin(self):
        self._pin = input("enter new pin :")
        self.manu()

    def check_balance(self):
        check = input("enter youe pin:")
        if check == self._pin:
            print("your bank balance was",self._balance)
            self.manu()
        else:
            print("wrong pin")
            print("have you for banking with {}".format(self.name))


    def deposite(self):
        check = input("enter pin")
        if check == self._pin:
            amount = int(input("enter amount to deposite you"))
            self. _balance += amount
            self.manu()
        else:
            print("wrong pin")
            print("have you for banking with {}".format(self.name))
```

```python
    def withdraw(self):
        check = input("enter pin")
        if check == self._pin:
            amount = int(input("enter amount"))
            if amount <= self._balance:
                self._balance -= amount
                print("amount is diducted {}".format(amount))
                self.manu()
            else:
                print("insufficent balance")
                print("amount is not deducted")

        else:
            print("wrong pin")
            print("have you for banking with {}".format(self.name))
```

In [*]: `sbi = ATM("sbi")`

plese select option

1. PIN SET
2. CHECK BALANCE
3. deposit
4. withdraw
5. Exsist

Welcome to sbi bank ATM

In [ ]:

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