

TASK 1

```
In [29]: class BankAccount:
    def __init__(self, balance):
        self.__balance = balance

    def deposit_money(self, amount):
        if amount > 0:
            self.__balance += amount

    def withdraw_money(self, amount):
        if amount <= self.__balance:
            self.__balance -= amount

    @property
    def get_balance(self):
        return self.__balance

Amount1 = BankAccount(2000)
Amount1.deposit_money(3000)
Amount1.withdraw_money(100)
Amount1.get_balance
```

Out[29]: 4900

TASK 2

```
In [49]: class MobilePhone:
    def __init__(self, batteryhealth, osfiles, message):
        self.__batteryhealth = batteryhealth
        self.__osfiles = osfiles
        self.message = message

    def sendMessages(self, text):
        if text == ("Hi, How are You"):
            return self.message

    def get_battery_status(self):
        return self.__batteryhealth

    def get_system_files(self):
        return self.osfiles

message1 = MobilePhone("Hi")
message1.sendMessages("Hi, How are You")
```

```
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TypeError                                Traceback (most recent call last)  
Cell In[49], line 17  
    14     def get_system_files(self):  
    15         return self.osfiles  
--> 17 message1= MobilePhone("Hi")  
    18 message1.sendMessage("Hi, How are You")  
  
TypeError: MobilePhone.__init__() missing 2 required positional arguments: 'osfiles'  
and 'message'
```

In []: