

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.sendMessages("Hi, How are You")  
  
TypeError: MobilePhone.__init__() missing 2 required positional arguments: 'osfiles'  
and 'message'
```

In []: