**1.Write a java program with main method to class called smartphone with private instance variable brand, model,and storagecapacity.provide public getter and setter method to access the modify these variables. add a method called increasestorage() that takes an interger value and increases the storagecapacity by that value?**

**CODE:**

public class Smartphone {

private String brand;

private String model;

private int storageCapacity;

public String getBrand() {

return brand;

}

public void setBrand(String brand) {

this.brand = brand;

}

public String getModel() {

return model;

}

public void setModel(String model) {

this.model = model;

}

public int getStorageCapacity() {

return storageCapacity;

}

public void setStorageCapacity(int storageCapacity) {

this.storageCapacity = storageCapacity;

}

public void increaseStorage(int value) {

this.storageCapacity += value;

}

public static void main(String[] args) {

Smartphone myPhone = new Smartphone();

myPhone.setBrand("Apple");

myPhone.setModel("iPhone 12");

myPhone.setStorageCapacity(256);

System.out.println("Brand: " + myPhone.getBrand());

System.out.println("Model: " + myPhone.getModel());

System.out.println("Storage Capacity: " + myPhone.getStorageCapacity() + "GB");

myPhone.increaseStorage(64);

System.out.println("Increased Storage Capacity: " + myPhone.getStorageCapacity() + "GB");

}

}

**OUTPUT:**



