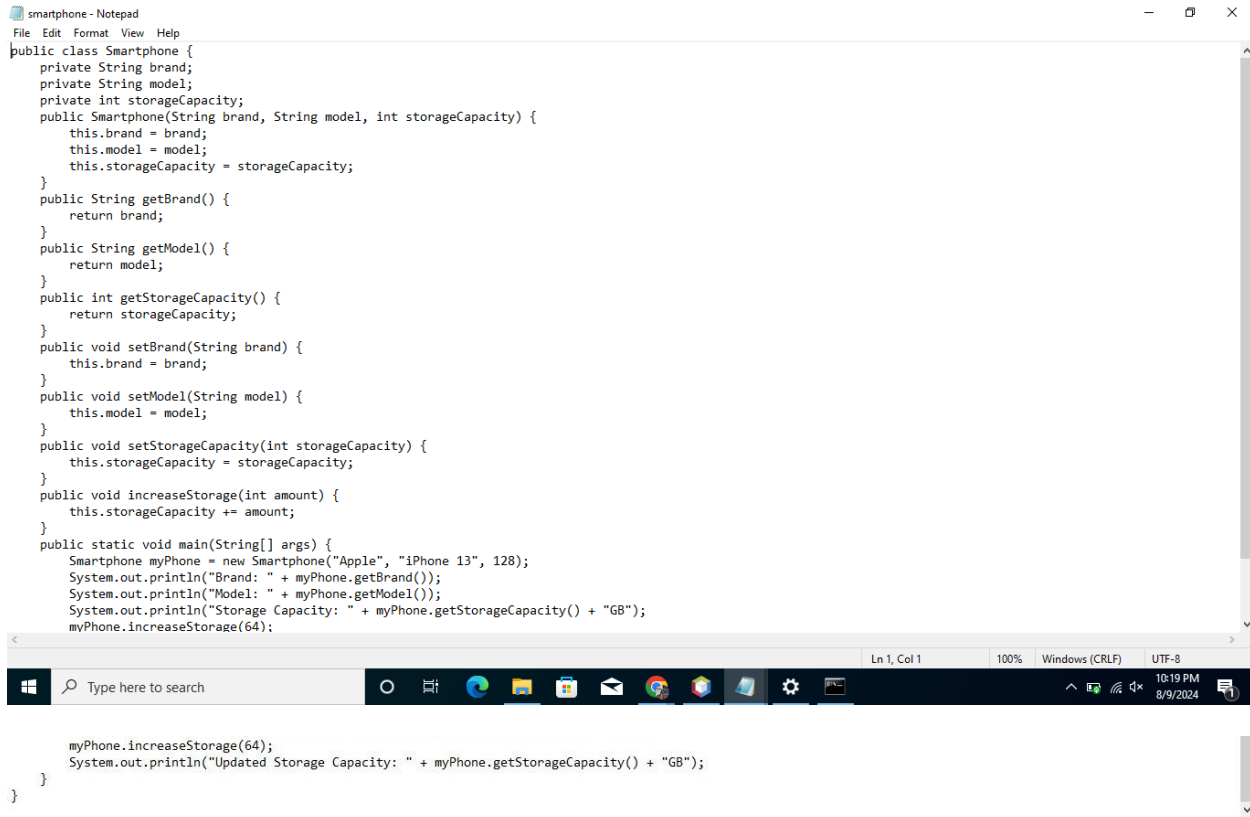


10/08/24

1) write a java program to create a class called smartphones with private instance variables brand,model,and storagecapacity,provide public getter and setter methods to access and modify these variables add method called increasesStorage() that takes an integer value and increases the storagecapacity by the value



```
smartphone - Notepad
File Edit Format View Help
public class Smartphone {
    private String brand;
    private String model;
    private int storageCapacity;
    public Smartphone(String brand, String model, int storageCapacity) {
        this.brand = brand;
        this.model = model;
        this.storageCapacity = storageCapacity;
    }
    public String getBrand() {
        return brand;
    }
    public String getModel() {
        return model;
    }
    public int getStorageCapacity() {
        return storageCapacity;
    }
    public void setBrand(String brand) {
        this.brand = brand;
    }
    public void setModel(String model) {
        this.model = model;
    }
    public void setStorageCapacity(int storageCapacity) {
        this.storageCapacity = storageCapacity;
    }
    public void increaseStorage(int amount) {
        this.storageCapacity += amount;
    }
    public static void main(String[] args) {
        Smartphone myPhone = new Smartphone("Apple", "iPhone 13", 128);
        System.out.println("Brand: " + myPhone.getBrand());
        System.out.println("Model: " + myPhone.getModel());
        System.out.println("Storage Capacity: " + myPhone.getStorageCapacity() + "GB");
        myPhone.increaseStorage(64);

        myPhone.increaseStorage(64);
        System.out.println("Updated Storage Capacity: " + myPhone.getStorageCapacity() + "GB");
    }
}
```

```
Command Prompt
Microsoft Windows [Version 10.0.19041.388]
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C:\Users\god>cd c:\javajessy

c:\javajessy>java smartphone.java
Brand: Apple
Model: iPhone 13
Storage Capacity: 128GB
Updated Storage Capacity: 192GB

c:\javajessy>
```