

Q1. You have been given a body for two different classes, you need to create UML for these classes.

```
class Mobile{
private:
    string company;
    int ram;
    int rom;
    string chipset_name;
protected:
    int qty;
    float cost_price;
    float sale_price;
public:
    void setCompany(string comp);
    void setRam(int ram);
    void setRom(int hdd);
    void setChipsetName(string chipname);
    string getCompany();
    int getRam();
    int getRom();
    string getChipSetName();
};

class MobileCompany {
private:
    string location;
    string phone_number;
    Mobile *mobile;
public:
    string getLocation();
    string getPhoneNumber();
    void setLocation(string loca);
    void setPhoneNum(string phn);
    int getInventoryCount(int barcode);
    void createSales(int barcode);
    void addInventory(int barcode);
};
```

