

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

```
class Laptop(  
    private:  
        string company;  
        int ram;  
        int Hard;  
        string core;  
    protected:  
        int qty;  
        float cost_price;  
        float sale_price;  
    public:  
        void setCompany(string comp);  
        void setRam(int ram);  
        void setHard(int hdd);  
        void setCore(string core);  
        string getCompany();  
        int getRam();  
        int getHard();  
        string getCore();  
  
};  
class LaptopCompany {  
    private:  
        String location;  
        String phone_number;  
        Laptop *laptop;  
    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);  
};
```