

PART 01:

1. Create a new class called 'Item' with two protected instance variables (private variables), an integer variable called 'location', and a String variable called 'description'.
2. Add a constructor method for the Item class that takes an integer and a String as arguments (in that order).
3. The constructor should assign the value of these parameters to the corresponding instance variables.
4. Add getter and setter methods for the location and description variables.
5. Add another class called Monster and make the Monster class a sub-class of the Item class.
6. Add a constructor method to the Monster class that takes an integer and a String argument just like the Item class constructor.
7. Use these arguments to call the Item super class constructor from within the Monster class constructor so that the instance variables in the superclass are instantiated correctly.

```
public class Item {  
    private int location;  
    private String description;  
    public Item(int lo, String des) {  
        this.lo = location;  
        this.des = description;  
    }  
    private int getLocation() {  
        return location;  
    }  
    private String getDescription() {  
        return description;  
    }  
    public void setLocation(int location) {  
        this.location = location;  
    }  
}
```

```
    }  
    public void setDescription(String description) {  
        this.description = description;  
    }  
}
```

Monster class

```
public class Monster extends Item  
{  
  
    public Monster(int location, String description)  
    {  
        super(location, description);  
    }  
}
```