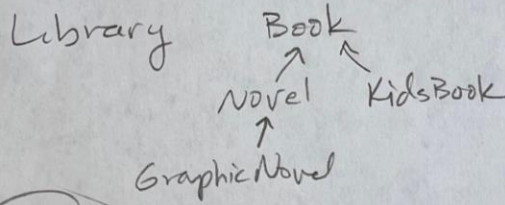


1. Draw a class hierarchy diagram for the following classes, and don't forget the arrows:

GraphicNovel, Novel, KidsBook, Library, Book



2. What two methods do we often override when writing custom classes?

`equals()` `toString()`

3. All classes in Java inherit from what class?

Object

```
public boolean equals (Object obj)
{
    if (obj == null) return false;
    Bicycle other = (Bicycle) obj;
    if (size == other.size && manufacturer.equals(
        other.manufacturer)) return true;
    return false;
}
```