Q3) Explain Finally and Final Keyword with an Example?

Final:

- It is a keyword that can be used with class method and variable. A final class cannot be inherited, a final method cannot be overridden and a final variable cannot be reassigned.

Example:

```java
public class Tester {
  final int value = 10;


  // The following are examples of declaring constants:
  public static final int boxwidth = 6;
  static final String title = "Manager";
  public void changeValue() {
    value = 12; // will give an error
  }
  public void displayValue(){
    System.out.println(value);
  }
  public static void main(String[] args) {
    Tester t = new Tester();
    t.changeValue();
    t.displayValue();
  }
}
```

Finally:

- The **finally** keyword is used to create a block of code that follows a try block. A finally block of code always executes, whether or not an exception has occurred. Using a finally block allows you to run any cleanup-type statements that you just wish to execute, despite what happens within the protected code.

```java
Example: public class Tester {
```

```java
public static void main(String[] args) {

    try{
        int a = 10;
        int b = 0;
        int result = a/b;
    }catch(Exception e){
        System.out.println("Error: "+ e.getMessage());
    }
    finally{
        System.out.println("Finished.");
    }
}
}
```