```
6. What is the output of the following program?
public class Test (
  public static void main (String [] args) (
                                                       a) finally
         System.out.println("after cothed");
                                                        main
                                                      (b) finally
     catch (NumberFormatException ex) {
                                                       bye
        System.out.println( main );
                                                       main
                                                     (c) finally
                                                       main
public static void method(String val) (
                                                      after method
                                                    d) finally
      int i = Integer.parseInt(val);
                                                      bye
                                                      main
  finally {
                                                      after method
     System.out.println("finally");
 System.out.println("Bye");
```

Question 1

```
1. What is the output of the following code (if any)?

Public class Test {

Public static void main (String [] args) {

(a) Finally
(b) It compiles successfully but no output

finally {

System.out.print(*Finally*);
```

3. Primitive data types cannot be written to an object file. (a) Yes

4. No conversion for a specific data type is needed when the Scanner class is used to read from a text file.

(b) No (a) Yes

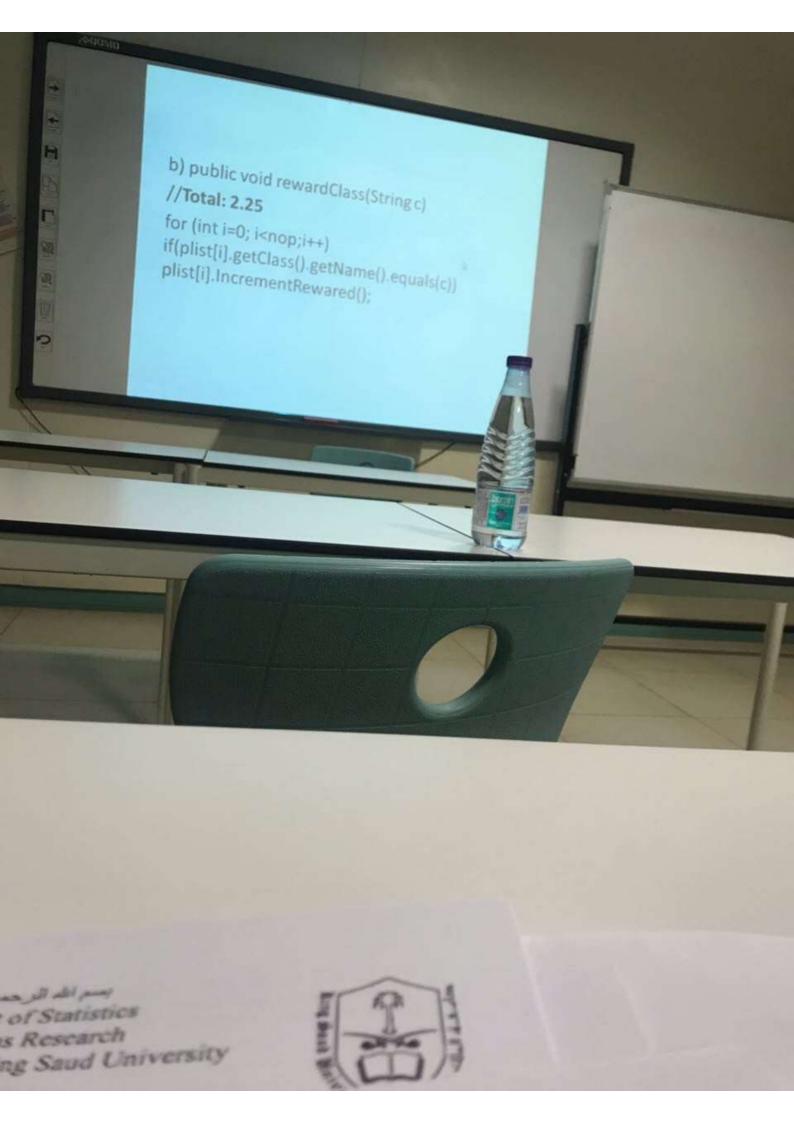
(b) No

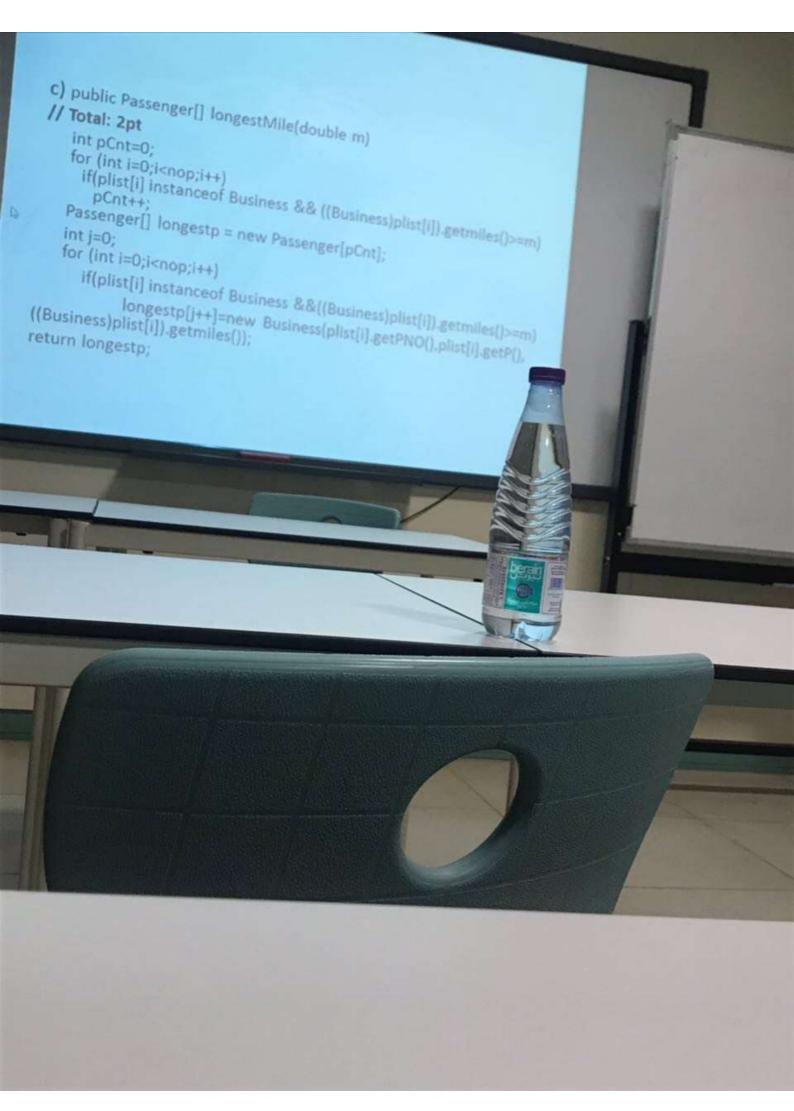
```
2. The following code will ...
    public class Test {
       public static void main (String [] args)
             myMethod(200);
     public static void myMethod (int n)
  throws
     BigNumberException
     if (n > 100)
          throw new BigNumberException();
       System.out.println(n*2);
class BigNumberException extends Exception
/*Constructor*/
```

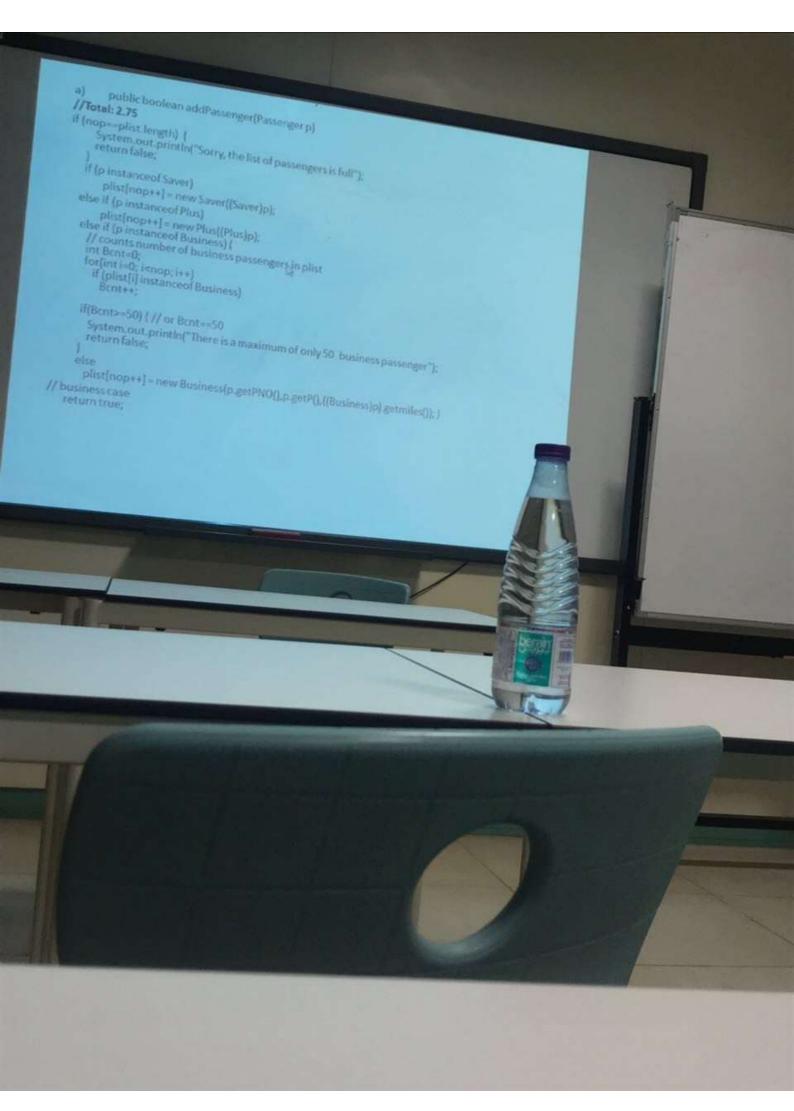
- (a) throw BigNumberException
- (c) print 400 and throw
- BigNumberException
- (d) cause a compilation error

```
11. What is the output of the following program (if any)?
import java.util.*;
public class Test (
   public static void main (String [] args) [
     catch (InputMismatchException e) {
        System.out.println( catch to asia );
 public static void ml() (
     try (
       m2();
    catch(NumberFormatException e) {
       System.out.println( casca is al );
public static void m2() {
   String [] list =
 , Love , ware , (2) };
   int x = Integer.parseInt(list[4]);
```

- (a) catch in ml
- (b) catch in main
- (c) No output, it causes a compilation error
- (d) No output, exception handled by system







```
me output of the following program?
Public class Post (
   static int i = 5;
  public static wold main (String [] args) {
                                                 (0)0
                                                  (6).9
                                                  (0) 10
    catch (Exception e) (
                                                 (4) 11
    System.out.println(i);
public static int myMethod() throws
    15 (1 20 5)
        throw new Exception();
     1++;
     return is
 cotch (RuntimeException e) (
tinally (
   1 = 1 = 2;
return i; ) }
```

```
7. The following code will ...

import java.util.*;

public class Test {

    public static void main (String [] args) {

        method(i);

    }

public static void method(Int n) {

        throw new ArithmeticException();

    throw new IllegalArgumentException();

}
```

```
rual is the output of the following program (if any)?
public class Test (
   public static void main (String () args) {
                                                      (a) cetch is method
                                                      (b) catch in coato
         System.out.println( end );
                                                      (c) catch in method
     catch (StringIndexOutOfBoundsException e)
                                                      ond
                                                     (d) catch in main
        System.out.println("catch in mais");
                                                       CHUT
public static void method() {
    String str = "Belle";
   System.out.printlm(str.charAt(6));
  catch (IndexOutOfBoundsException e)
     System.out.println( catch in method ):
```

```
5. What is the output of the following program?
public class Test {
  public static void main (String [] args)
                                                  (a) -5, 5,
                                                  (b) -5, 5, 0
        int i, sum;
                                                 (c) ()
         sum = 10;
                                                 (d) No output
        for (i = -2; i < 1; i++) {
            sum = (sum / i);
           System.out.print(sum + );
   catch(ArithmeticException e) {
      System.out.print("0");
```

10. Java allows a class to implement more than one interface.

(a) Yes
(b) No

