1. True or [False] (Circle one): An implicit conversion of data type is done with a cast.

2. A boolean data type can represent two values true and false.

3. What is the output of the following Java program:

```java
int i = 34;
int j = 36;
int k = 38;
System.out.println(i >= j || j >= k);
```

false

4. The kind of statement that allows a program to alter its behavior based on a boolean is an if-then-else statement.

5. What is the output of the following Java program:

```java
int i = 43;
if(i % 3 == 1)
    System.out.println(i / 2);
else
    System.out.println(i / 3);
```