Classes and Object

What is the output of the following application?

```
public class TurtleVsHare {
    public static void main(String[] arguments) {
        int turtle = 10 * (2 + (3 + 2) / 5);
        int hare = turtle < 5 ? 10 : 25;
        System.out.print(turtle < hare ? "Hare wins!"
: "Turtle wins!");
    }
}
```

- ☐ code does not compile.

- ☐ Hare wins!

- ☑ Turtle wins!

- ☐ division by zero exception

Correct

Given the following code snippet, what is the value of movieRating after it is executed?

```
int characters = 5;
int story = 3;
double movieRating = characters <= 4 ? 3 :
story>1 ? 2 : 1;
```

☑ 2

☐ compile if parentheses were added.

☐ None of the above

☐ 2.0

Incorrect

The ternary operator can be nested inside another ternary operator.

- [x] True

- [ ] False

Correct

What is the result of the following code?

```
int num1 = 10;
double num2 = num1 >= 10 ? num1 : -num1;

System.out.println("num2 = " + num2);
```

☑ num2=10.0

☐ Compilation error

☐ nums2= 10

☐ num2=-10.0

Correct

Predict the output –

```
public class Main{
    public static void main(String[] args) {
        int toy=5,age=2;
        String game;
        if(toy<2)
            game = age > 1 ? 1 : 10;  // l1
        else
            game = age > 3 ? "Ball" : "Swim";  // l2
        System.out.println(game);
    }
}
```

☐ Ball

☑ Swim

☐ The code does not compile due to l1.

☐ The code does not compile due to l2.

Incorrect