1. (2 pts) If the following two lines are in a main method, will the compiler report a syntax error? If so, what is the problem?

```java
int number;
number = number + 1;
```

2. (2 pts) Suppose we try to include the following line of code in a Java program. Is this an example of a compile-time (syntax) error or an example of a run-time error? Explain.

```java
Integer.parseInt(1 + 2 + “Hello”);
```

3. (2 pts) What is the value of the following expression?

```java
1/2*3/4*5/6*7/8*9/10*2.0
```

4. (2 pts) What is wrong with the following code? Rewrite the second line so that it will compile correctly but still produce the desired output.

```java
double number = 1;
int num = number+1;
```

5. (2 pts) What is printed by the following code?

```java
System.out.println(1 + 2 + “Hello” + 3 + 4 + (1-2*3));
```