

## CS300: Programming Languages

Spring 2022

### Exercise #8

- Name only: \_\_\_\_\_
- Release date: Mar 29, 2022 (Tuesday)
- Total Bonus Point: 2%

1. **What is a short-circuit evaluation?**

2. **Provide a code example to explain short-circuit evaluation.**

3. **Considering the following example code, and explain what will be printed along with your explanation.**

```
index = 1;
switch (index) {
  case 1:
  case 3: System.out.println("Hello");
  case 2:
  case 4: System.out.println("World");
  default: System.out.println("Error in switch");
}
```