CPSC 231 Fall 2023

Sample Exam 2

Your Name: _____

Your Student Number: _____

Tutorial 01

Do not turn the exam over until you are told to do so.
Good luck!

Duration: 50 Minutes

This is a closed book exam: Exams must be completed individually, following regulations on academic integrity. Only a pencil/pen and an eraser are allowed during the exams. Electronic devices, including laptops, cell phones, and calculators, must be turned off and stored in bags.

Question 1:

Rewrite the following "if" statement so that the code behaves in exactly the same way, but you do not use "exit()". Use "if" and "else" with no "elif".

```
# year and colour are two variables with values assigned previously
if year < 2000 and colour == "Blue":
    print("Invalid.")
    exit()
print("Good!")
```

Question 2:

Write Python code that will output the following shape:

```
*****
****
***
**
*
```

You must use "for" loops properly to output this. Improper answers, such as the following, will receive 0 points.

```
print("*****")
print("****")
print("***")
print("**")
print("*")
```