



CSE 015: Discrete Mathematics

Laboratory 1

Fall 2021

Preliminary Notes

- **This lab must be solved individually.** You can discuss your ideas with others, but when you prepare your solution you must work individually. Your submission must be yours and yours only. No exceptions, and be reminded of the CSE academic honesty policy discussed in class.
- Your solution must be exclusively submitted via CatCourses. Email submission will not be accepted. Pay attention to the posted deadline because **the system automatically stops accepting submissions when the deadline passes. Late submissions will receive a 0.** You can upload one or more .py files.
- Start early.

Introduction

This lab is meant to give you some practice with the Python programming language. Please complete the following exercises and upload your .py files under the appropriate CatCourses assignments.

Modified Hello World

Write a Python program that asks the user for his/her name, and prints out a greeting message of the form "Hello, <name>", where <name> is the input received from the user.

Integer Classification

Write a Python program that asks the user to enter an integer. Your program should print ODD if the integer is odd, and EVEN if the integer is even. Reminder: an even integer can be represented as $2x$, and an odd integer can be represented as $2x + 1$, where $x \in \mathbb{Z}$.

More Even and Odd

Write a Python program that asks the user to enter 10 integers, and outputs the largest odd number among them. If no odd numbers were entered, your program should output a message saying: "No odd numbers were entered".