

# Assignment Questions

## Assignment 1-4

**Problem Statement** - Change the hello world application to display your name.

**Question** – What does print function do?

## Assignment 2-7

**Problem Statement** - Ask the user for their first name, and store their input in a variable. Then ask the user for their last name and store that in a variable. Finally display the full name to the user.

**Question** – What is STDIN?

## Assignment 3-6

**Problem Statement** - Create a list of people, ask the user for an index. Display the person in the list at the index the user supplied.

**Question** – Why use Collections?

## Assignment 4-7

**Problem Statement** - Use a loop to count to 10. Print each number on the screen. At the 5th loop, print out "half way there".

**Question** – What are loops good for?

## Assignment 5-6

**Problem Statement** - Ask the user for a maximum number, use a loop to print each number on the screen from 1 to the number they provided. At the half way point, print out "half way there". Split these tasks into functions.

**Question** – Why use functions?

## Assignment 6-4

**Problem Statement** - Ask the user for an age, if the age is less than 18, throw an Exception of "too young". If the age is over 99 throw an Exception of "too old". Catch the Exception and use a catch all. Also split these tasks up into different functions.

**Question** – Why use Error Handling?