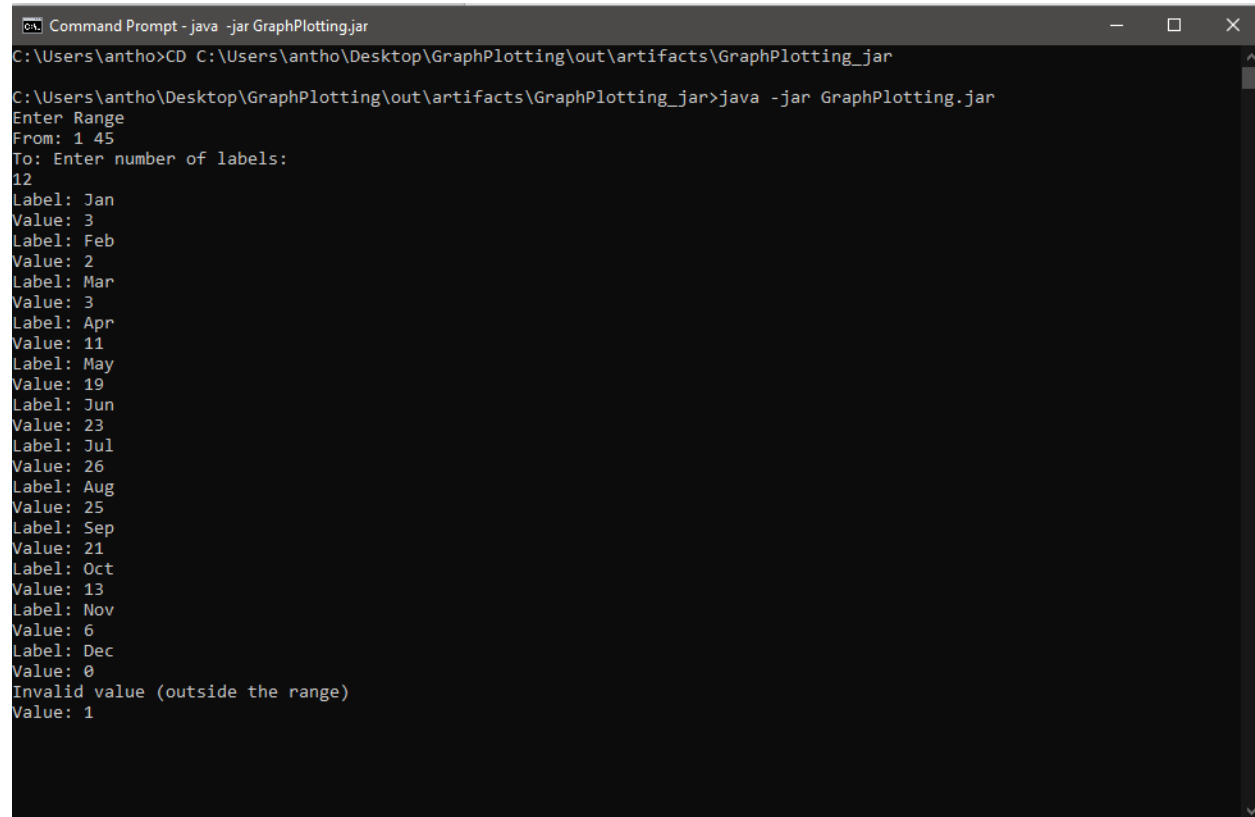# Java Assignment 1

## Introduction

I am aiming to design a weather bar graph that displays the average weather year-round. This project will consist of a title graph, ranges of values to join, and a set of labels and values to be shown in the bar graph. I will create criteria where the user cannot enter values outside the range, and I will display each value or point when the user enters the values.

## User Values

*Including an invalided value (outside of range)*

```
Command Prompt - java -jar GraphPlotting.jar                                         —    □    ×

C:\Users\antho>CD C:\Users\antho\Desktop\GraphPlotting\out\artifacts\GraphPlotting_jar

C:\Users\antho\Desktop\GraphPlotting\out\artifacts\GraphPlotting_jar>java -jar GraphPlotting.jar
Enter Range
From: 1 45
To: Enter number of labels:
12
Label: Jan
Value: 3
Label: Feb
Value: 2
Label: Mar
Value: 3
Label: Apr
Value: 11
Label: May
Value: 19
Label: Jun
Value: 23
Label: Jul
Value: 26
Label: Aug
Value: 25
Label: Sep
Value: 21
Label: Oct
Value: 13
Label: Nov
Value: 6
Label: Dec
Value: 0
Invalid value (outside the range)
Value: 1
```

## Values Graphed