Remas Bashanfar

UID: 505597737

a)

A problem I faced was accessing g31. I did not know where to start and did not download the right apps in the beginning. I got some help from some classmates and was able to launch it through FileZilla and Cisco VPN. However, I did not know what I should type to get feedback. After looking at one of the TA’s detailed explanation, I was able to successfully run my code through g31.

Another problem I faced on Project 2 was that I did not have a good base on programming before starting this project. For example, I did not know that strings needed to have “ “ or that if-statements needed a {} after the first line instead of a semicolon. After going to the office hours, all my confusion was cleared, and I was finally able to run a successful program.

b)

A successful program could go like this:

**Provide a month:**June

**Provide a day:**6

**Provide a year:**2002

**June 6, 2002 was a Thursday!**

**Program ended with exit code: 0**

A program that has a wrong year input goes like this:

**Provide a month:**June

**Provide a day:**7

**Provide a year:**-2222

**Invalid year!**

**Program ended with exit code: 1**

A program that has a wrong day input goes like this:

**Provide a month:**June

**Provide a day:**-8

**Provide a year:**2002

**Invalid day!**

**Program ended with exit code: 1**

A program that has invalid inputs:

**Provide a month:**jan

**Provide a day:**900

**Provide a year:**-222

**Invalid month!**

**Program ended with exit code: 1**

**Provide a month:**Feb

**Provide a day:**-999

**Provide a year:**2000000

**Invalid month!**

**Program ended with exit code: 1**

**All months (in a different century):**

**Provide a month:**January

**Provide a day:**1

**Provide a year:**1979

**January 1, 1979 was a Monday!**

**Program ended with exit code: 0**

**Provide a month:**February

**Provide a day:**1

**Provide a year:**1979

**February 1, 1979 was a Thursday!**

**Program ended with exit code: 0**

**Provide a month:**March

**Provide a day:**1

**Provide a year:**1979

**March 1, 1979 was a Thursday!**

**Program ended with exit code: 0**

**Provide a month:**April

**Provide a day:**1

**Provide a year:**1979

**April 1, 1979 was a Sunday!**

**Program ended with exit code: 0**

**Provide a month:**May

**Provide a day:**1

**Provide a year:**1979

**May 1, 1979 was a Tuesday!**

**Program ended with exit code: 0**

**Provide a month:**June

**Provide a day:**1

**Provide a year:**1979

**June 1, 1979 was a Friday!**

**Program ended with exit code: 0**

**Provide a month:**July

**Provide a day:**1

**Provide a year:**1979

**July 1, 1979 was a Sunday!**

**Program ended with exit code: 0**

**Provide a month:**August

**Provide a day:**1

**Provide a year:**1979

**August 1, 1979 was a Wednesday!**

**Program ended with exit code: 0**

**Provide a month:**September

**Provide a day:**1

**Provide a year:**1979

**September 1, 1979 was a Saturday!**

**Program ended with exit code: 0**

**Provide a month:**October

**Provide a day:**1

**Provide a year:**1979

**October 1, 1979 was a Monday!**

**Program ended with exit code: 0**

**Provide a month:**November

**Provide a day:**1

**Provide a year:**1979

**November 1, 1979 was a Thursday!**

**Program ended with exit code: 0**

**Provide a month:**December

**Provide a day:**1

**Provide a year:**1979

**December 1, 1979 was a Saturday!**

**Program ended with exit code: 0**

Leap Year Cases

**Provide a month:**January

**Provide a day:**28

**Provide a year:**2020

**January 28, 2020 was a Tuesday!**

**Program ended with exit code: 0**

**Provide a month:**February

**Provide a day:**28

**Provide a year:**2020

**February 28, 2020 was a Friday!**

**Program ended with exit code: 0**

Not A leap year :

**Provide a month:**February

**Provide a day:**28

**Provide a year:**2021

**February 28, 2021 was a Sunday!**

**Program ended with exit code: 0**

**Provide a month:**January

**Provide a day:**28

**Provide a year:**2021

**January 28, 2021 was a Thursday!**

**Program ended with exit code: 0**