**::CIS 25 Fall 2016:: Assignment 11 SwitchCaseIntro**

**Student ID:**

**Describe how switch case works:**

**switch (x) {  
 case 1:  
 case 2:  
 case 3:  
 cout << "x is 1, 2 or 3";  
 break;  
 default:  
 cout << "x is not 1, 2 nor 3";  
 }**

**Programming Assignments**

**1st Task:** Create a program that uses a **switch** statement and **case** statements to calculate the number of days in any given month based upon a users input.

February is a unique month. Prompt the user again to input the year if the user wants the number of days for February.

Hint\*\*\*. You will need to use some of the code from your leap year program.

Have the user input information. Make sure the program can deal with any integer input. If a number entered does not correspond to a month of the year print “Invalid Month.”

**Programming Assignments**

**1st Task-**

Use a Do-While loop and Switch Case to create menu of programs you have already created. Please have star formatting for menu.

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**\* Main Menu: \***

**\* Enter # to run program or Quit \***

**\* 1) Moon Weight Calculator \***

**\* 2) Income Tax Program \***

**\* 3) Grade Range Program \***

**\* 4) Quit \***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**You Selected Option 1:**

**Enter Earth Weight:**

**120**

**Moon Weight: 100lbs**

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**\* Main Menu: \***

**\* Enter # to run program or Quit \***

**\* 1) Moon Weight Calculator \***

**\* 2) Income Tax Program \***

**\* 3) Grade Range Program \***

**\* 4) Quit \***

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

**You selected Option 4:**

**Program Quitting**