Green University of Bangladesh
Department of Computer Science and Engineering (CSE)

Faculty of Sciences and Engineering
Semester: (Spring, Year:2022), B.Sc. in CSE (Day)

LAB REPORT NO #03
Course Title: Structure Programming Lab
Course Code: CSE 104 Section: DA

Lab Experiment Name: Decision making by If-else statement and switch case statement in C.

Student Details

Name	ID
Md. Kawsar Ahamed	213902013

Lab Date : 22 February 2022
Submission Date : 1 March 2022
Course Teacher's Name : Md. Solaiman Mia

[For Teachers use only: Don't Write Anything inside this box]

Lab Report Status

Marks: …… **Signature:.....**
Comments:..... **Date:.....**

Problem - 1

1. TITLE OF THE LAB EXPERIMENT

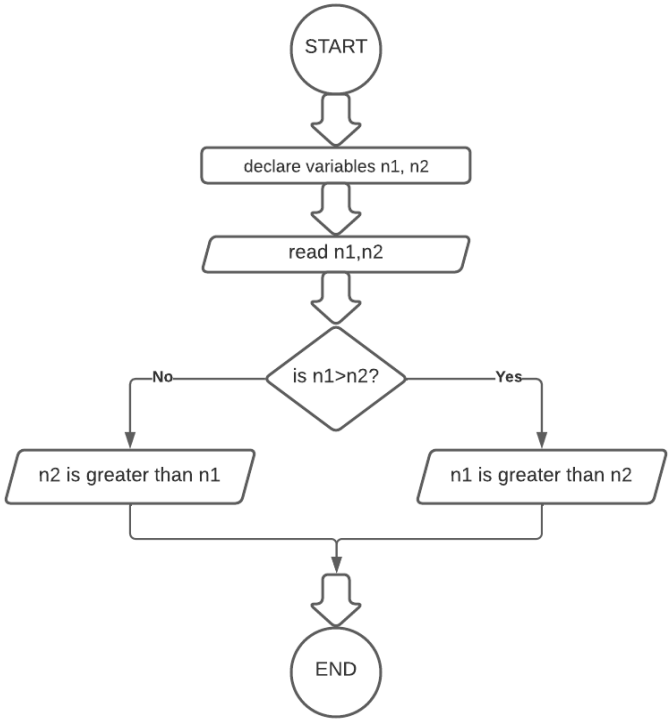
Write a C program to find the maximum between two numbers.

2. OBJECTIVES

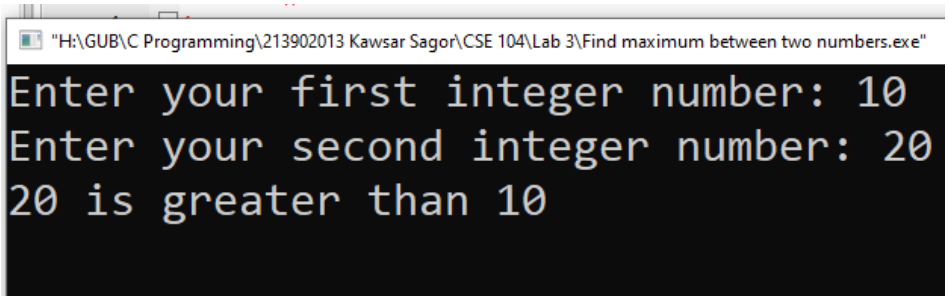
Here we are trying to find the maximum number between two numbers given by the user.

3. PROCEDURE

Flowchart-



4. TEST RESULT



Problem - 2

1. TITLE OF THE LAB EXPERIMENT

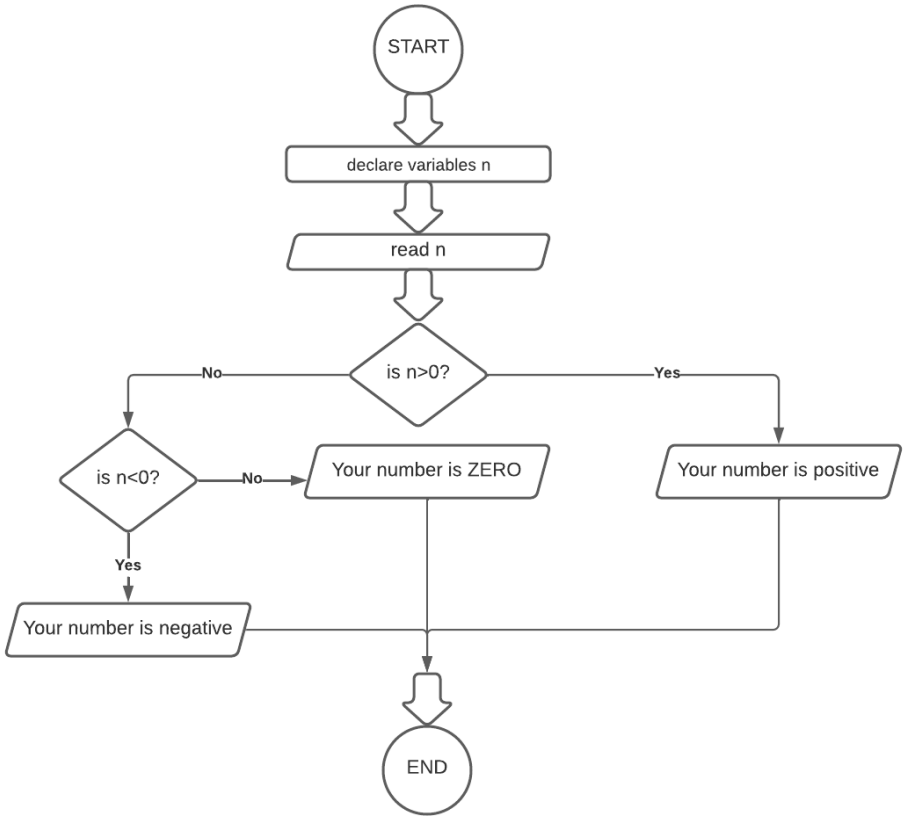
Write a C program to check whether a number is negative, positive or zero.

2. OBJECTIVES

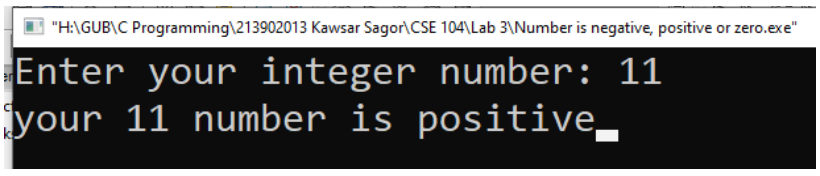
Here we will check a number that was given by the user to check is positive or negative.

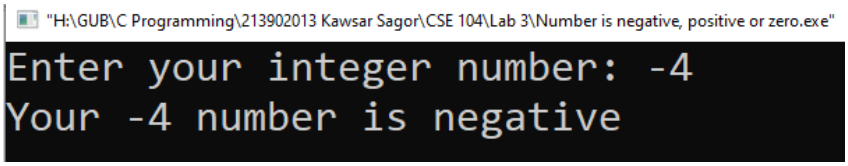
3. PROCEDURE

Flowchart-



4. TEST RESULT





Problem - 3

1. TITLE OF THE LAB EXPERIMENT

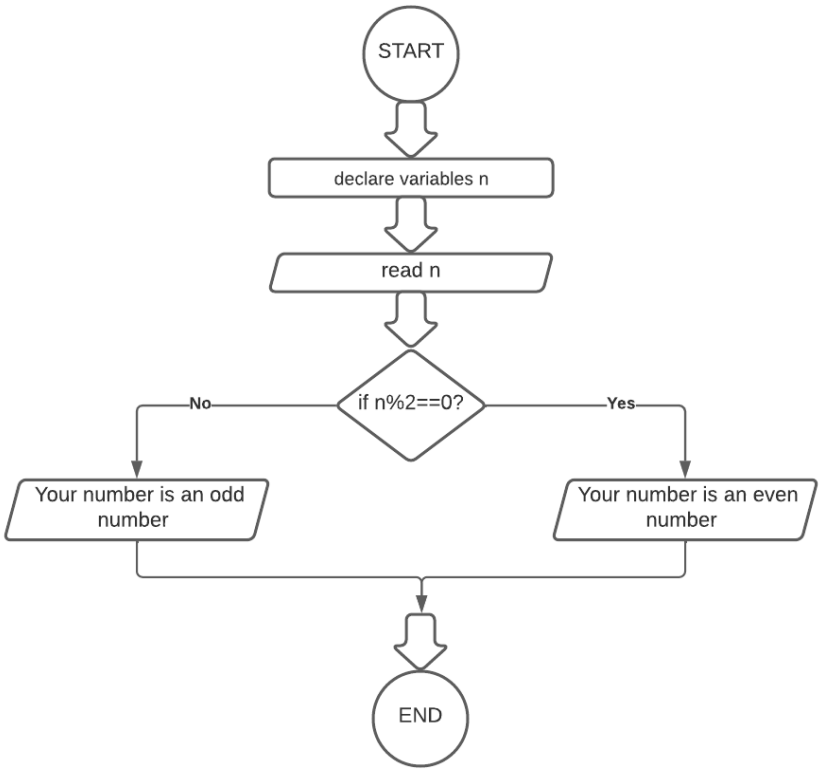
Write a C program to check whether a given number is odd or even.

2. OBJECTIVES

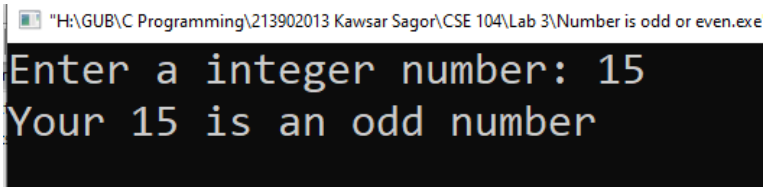
Here we will check whether the number given by the user is even or odd

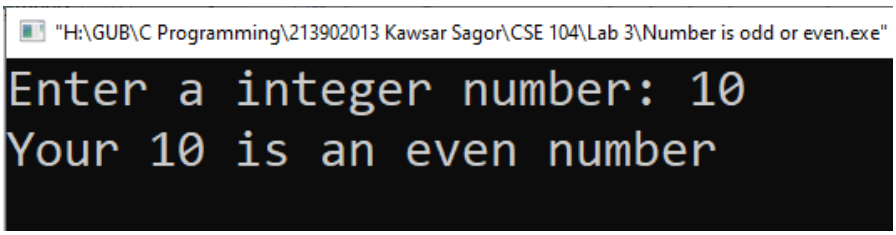
3. PROCEDURE

Flowchart-



4. TEST RESULT





Problem - 4

1. TITLE OF THE LAB EXPERIMENT

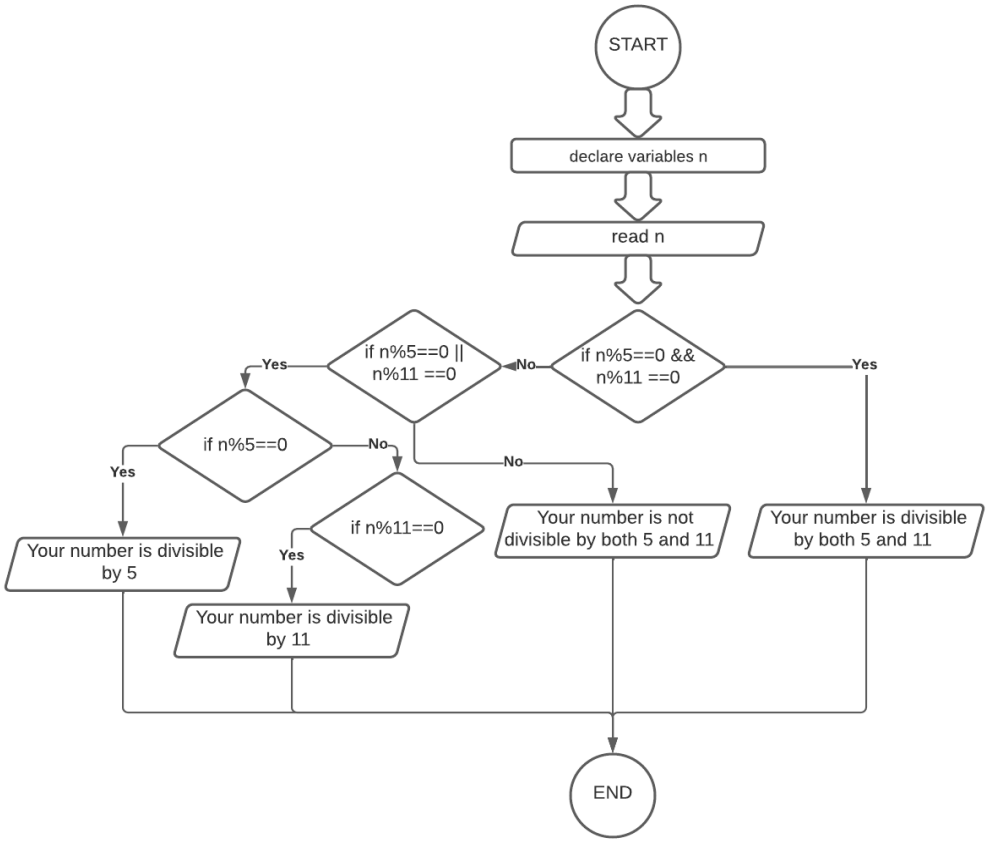
Write a C program to check whether a number is divisible by 5 and 11 or not.

2. OBJECTIVES

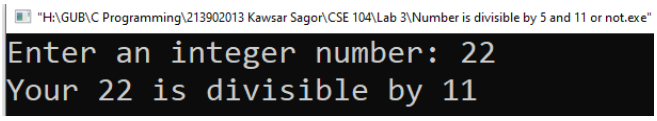
Here we will check whether the number given by the user is divisible by 5 and 11 or not.

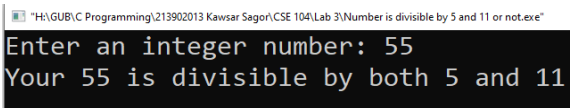
3. PROCEDURE

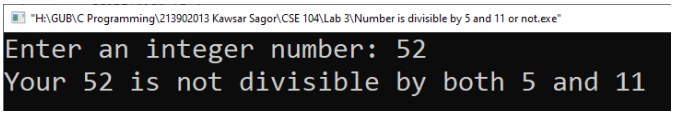
Flowchart-

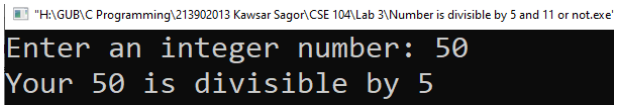


4. TEST RESULT









Problem - 5

1. TITLE OF THE LAB EXPERIMENT

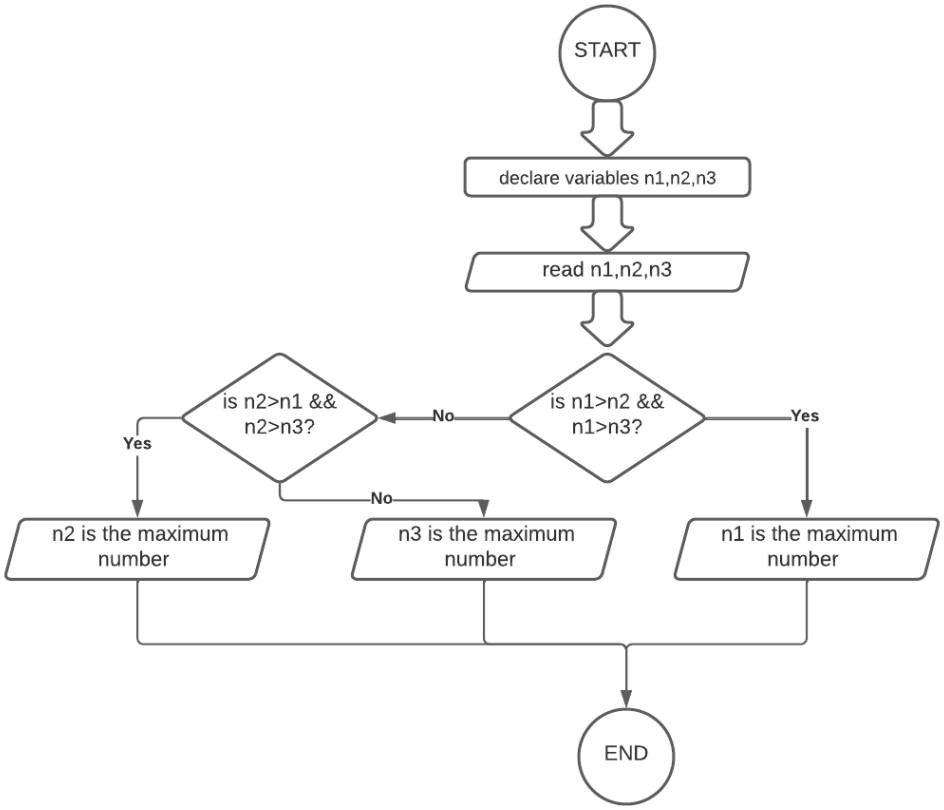
Write a C program to find a maximum between three numbers.

2. OBJECTIVES

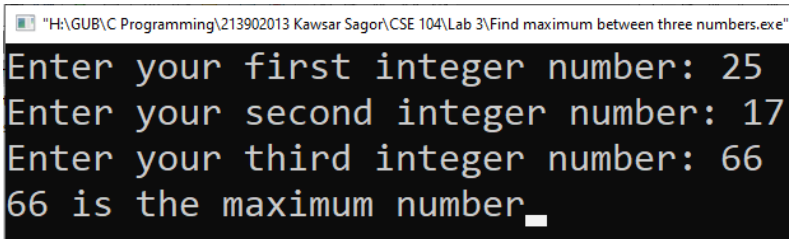
Here we are trying to find the maximum number between three numbers given by the user.

3. PROCEDURE

Flowchart-



4. TEST RESULT



Problem - 6

1. TITLE OF THE LAB EXPERIMENT

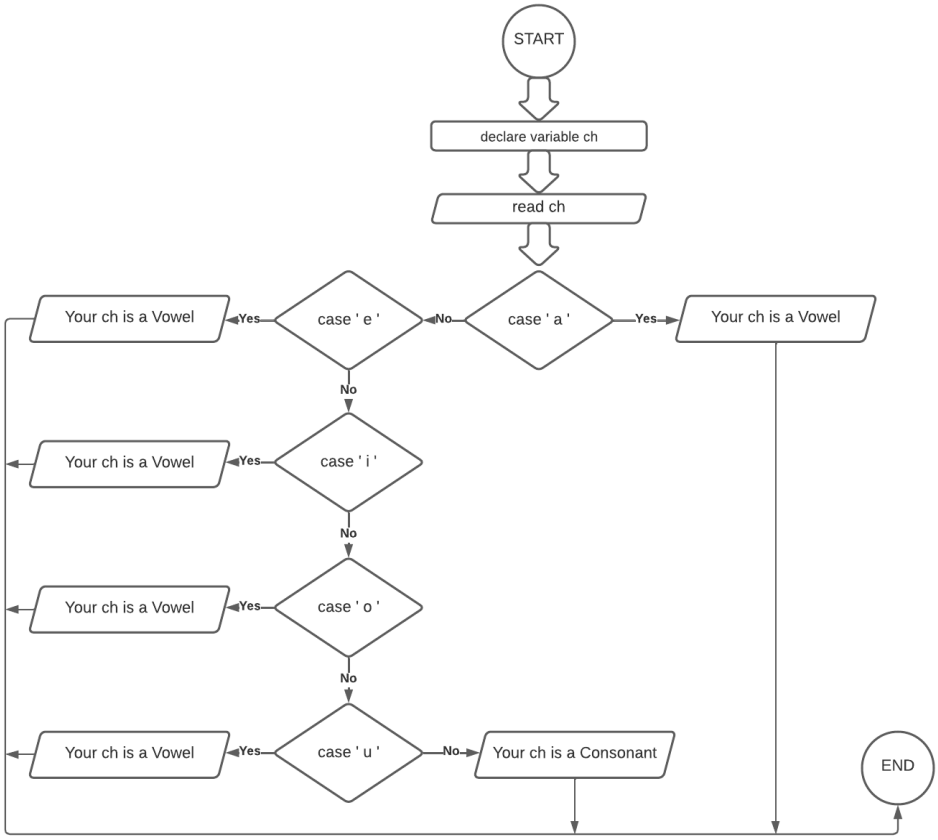
Write a Program to take the value from the user as input any alphabet and check whether it is vowel or consonant (Using the switch statement).

2. OBJECTIVES

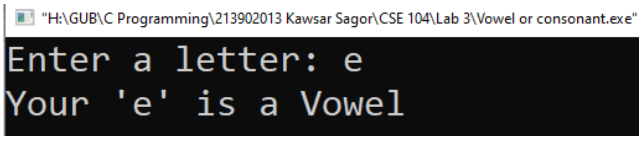
Here we are trying to find the user's given letter as a vowel or consonant by using the switch case statement.

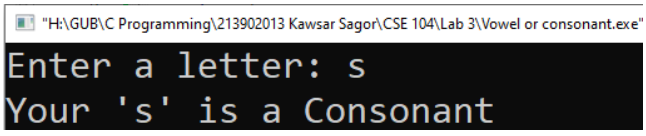
3. PROCEDURE

Flowchart-



4. TEST RESULT





Problem - 7

1. TITLE OF THE LAB EXPERIMENT

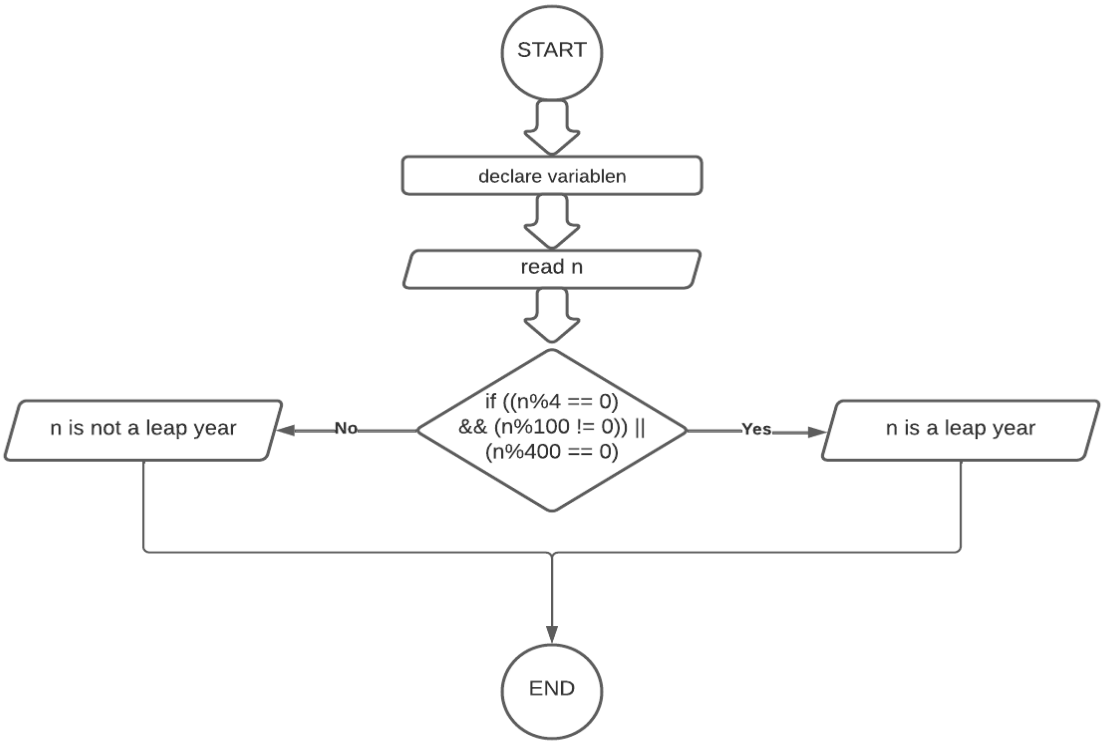
Write a C program to check whether a year is a leap year or not.

2. OBJECTIVES

Here we are trying to find out whether the year given by the user is a leap year or not.

3. PROCEDURE

Flowchart-



4. TEST RESULT