

**BASIC COMPUTER PROGRAMMING**

**DEE 4113**

**LAB MODULE 3**

**STUDENT NAME:**

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**PROGRAMME:**

**SEMESTER:**



**FACULTY OF ENGINEERING**

**EXPERIMENT 3 (C3, PLO2):**

**SELECTION STRUCTURES IN C PROGRAMMING**

* 1. **Objectives**

1. To construct *if…else* selection statement in the C programming.

**2.0 Equipment List**

Personal Computer with Microsoft Visual C++

1. **Procedure**
2. Consider the program in Listing 1. The program asks the user to enter two numbers. Determine what is printed next if the user enters the following numbers:
3. first number = 9, second number = 4
4. first number = -6, second number = 2
5. first number = -5, second number = -4

#include <stdio.h>

#include <stdlib.h>

int main ( )

{

int first,second,answer;

printf ("enter first number:");

scanf("%d", &first);

printf ("enter second number:");

scanf("%d", &second);

answer = first - second;

if (answer>=0)

{

printf ("\n Answer is a positive number\n");

}

else

{

printf ("\n Answer is a negative number\n");

}

printf ("Thank you.\n");

return 0;

}

Listing 1

1. By using an *if…else* statement, design a C program that asks the user to input integer number. After the user has input the number, the program will display whether the number is greater or equal. Determine what is printed next if the user enter the numbers as below :
2. first number = 13, second number = 8
3. first number = 8, second number = 13
4. first number = 8, second number = 8

**4.0 Results**

**4.1 Procedure 1:**

**4.2 Procedure 2:**

**5.0 Conclusion**