**CS120 Fundamental of Programming**

**Lab No. 3: Relational Operators and IF…ELSE Statement**

**Exercises**

1. Write a program that accepts an integer number input from the user and checks that number is positive, negative or zero.

#include <stdio.h>

int main()

{

int x;

printf("Enter a number : ");

scanf("%d", &x);

if ( x > 0 )

printf("%d is positive", x);

if ( x < 0 )

printf("%d is negative", x);

if ( x == 0 )

printf("%d is zero", x);

return 0;

}

1. Write a program to find the largest of three numbers entered by the user.

#include <stdio.h>

int main()

{

int x, y, z;

printf("Enter three numbers : ");

scanf("%d%d%d", &x, &y, &z);

if ( x > y && x > z )

printf("%d is larger than %d and %d", x, y, z);

if ( y > x && y > z )

printf("%d is larger than %d and %d", y, x, z);

if ( z > x && z > y )

printf("%d is larger than %d and %d", z, x, y);

system("pause");

return 0;

}