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|  | **DEPARTMENT OF FIRST YEAR ENGINEERING** |

**Experiment No. 3**

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| Semester | F.E. Semester II – First Year Engineering |
| Subject | C Programming (FEL204) |
| Subject Professor In-charge | Prof. Sanjeev Dwivedi Sir |
| Assisting Teachers | Prof. Sneha Annappanavar |

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| Student Name | Deep Salunkhe |
| Roll Number | 21102A0014 |

**Title:**

**Program Code:**

#include<stdio.h>

int main()

{

    int a,b,c;

    printf("Enter 3 sides of triangle:\n");

    scanf("%d%d%d",&a,&b,&c);

    if((a+b>c)&&(b+c>a)&&(a+c>b))

    {

        printf("\nTriangle can be drawn");

        if((a==b)&&(b==c)&&(a==c))

        {

            printf("\nIt is Equilateral triangle");

        }

        else if((a!=b)&&(a!=c)&&(b!=c))

        {

            printf("\nIt is Scalene triangle");

        }

        else

        {

            printf("\n It is Isoscales triangle");

        }

    }

    else

    {

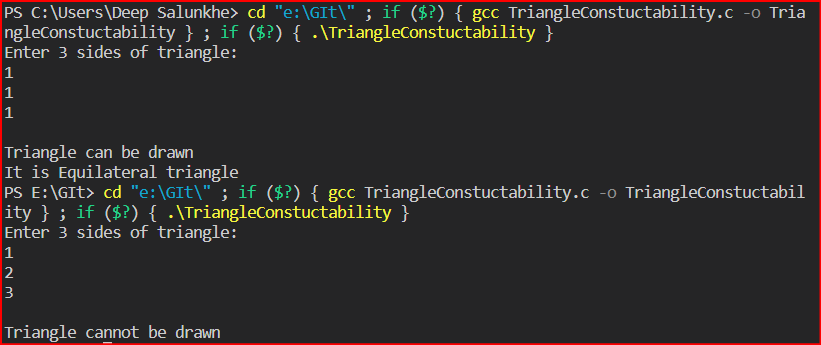
        printf("\nTriangle cannot be drawn");

    }

    return 0;

}

**Output:**

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