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

**Experiment No. 02**

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

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

**Title: Implimentation of Area of Triangle**

**Program Code:**

**#include<stdio.h>**

**#include<math.h>**

**int main()**

**{**

**int a,b,c;float A,S;**

**printf("Enter 1st side:");**

**scanf("%d",&a);**

**printf("Enter 2nd side:");**

**scanf("%d",&b); printf("Enter 3rd side:");**

**scanf("%d",&c);**

**S=(a+b+c)/2.0;**

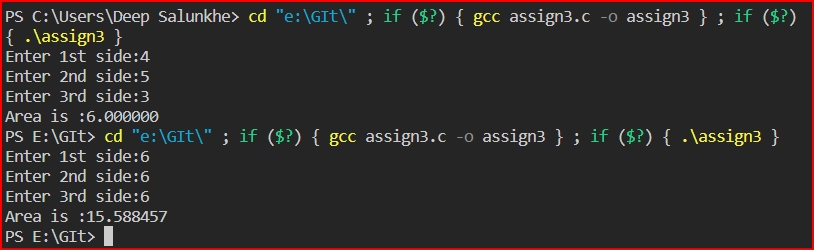
**A=sqrt(S\*(S-a)\*(S-b)\*(S-c));**

**printf("Area is :%f",A);**

**return 0;**

**}**

**Output:**

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