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

**Experiment No. 10**

|  |  |
| --- | --- |
| 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 |

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

**Title:**

**Program Code:**

#include<stdio.h>

int GCD(int m,int n)

{

    if(n>m)

    {

        return GCD(n,m);

    }

    else if(n==0)

    {

        return m;

    }

    else

    {

        return GCD(n,m%n);

    }

}

int main()

{

    int a,b,g;

    printf("Enter 2 numbers=");

    scanf("%d%d",&a,&b);

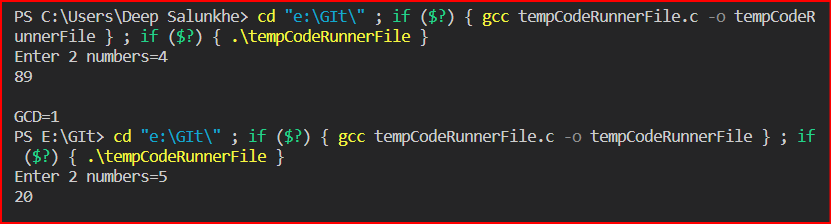
    g=GCD(a,b);

    printf("\nGCD=%d",g);

    return 0;

}

**Output:**

****