


```
18 //GCD using iteration
19 #include <stdio.h>
20 int main()
21 {
22     int n2,n1,k;
23     printf("Enter two values :-\n");
24     scanf("%d %d",&n1,&n2);
25     while(n2!=0) {
26         k=n2;
27         n2=n1%n2;
28         n1=k;
29     }
30     printf("\nGCD=%d\n",n1);
31     return 0;
32 }
33
34
```

 "C:\Users\Shreshtha Aggarwal\Desktop\4sem\bin\Debug\4sem.exe"

Enter two values :-

65

20

GCD=5

Process returned 0 (0x0)    execution time : 7.731 s

Press any key to continue.

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