***/

```
/***
        Program to Find HCF of Two Numbers Without Recursion
#include <stdio.h>
main()
{
    int q, m, n, temp;
    printf("\nEnter values of two numbers: ");
    scanf("%d %d", &m, &n);
    if (m == 0)
    {
         printf("\nHCF of number is: %d", n);
         goto end;
    }
    if (n == 0)
         printf("\nHCF of numbers is: %d", m);
         goto end;
    }
    if (n > m)
         temp = m;
         m = n;
         n = temp;
    }
```

```
q = 1;

while (q != 0)
{
    q = m % n;
    if (q != 0)
    {
        m = n;
        n = q;
    }
}

printf("\nHCF of number is: %d", n);
end:
    getch();
}
```