

```

d) #include <stdio.h>
int fact (int);
void main ()
{
    int no, factorial;
    printf ("Enter a number to calculate
            it's factorial \n");
    scanf ("%d", &no);
    factorial = fact (no);
    printf ("Factorial of the number (%d)
            : %d \n", no, factorial);
}
int fact (int n)
{
    int i, f = 1;
    for (i = 1; i <= n; i++)
    {
        f = f * i;
    }
    return f;
}

```

Output :

Enter a number to calculate it's factorial
5.

Factorial of the num (5) = 120.