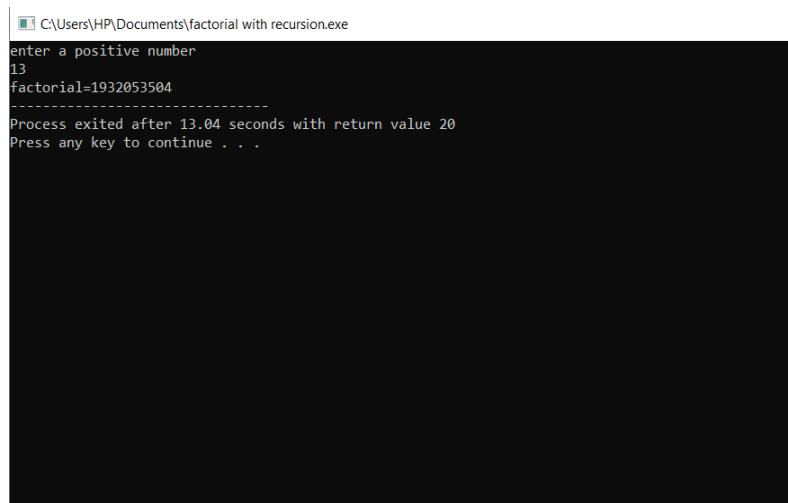


```
#include<stdio.h>

int factorial(int num);

int main()
{
    int number,result;
    printf("enter a positive number \n");
    scanf("%d",&number);
    result=factorial(number);
    printf("factorial=%d",result);
}

int factorial(int num)
{
    if(num!=1)
    {
        return num*factorial(num-1);
    }
    else
    {
        return num;
    }
}
```



C:\Users\HP\Documents\factorial with recursion.exe
enter a positive number
13
factorial=1932053504

Process exited after 13.04 seconds with return value 20
Press any key to continue . . .