

```
#include <stdio.h>

int main( void )
{
    int i; /* outer counter */
    int j; /* inner counter */
    int factorial; /* current factorial value */

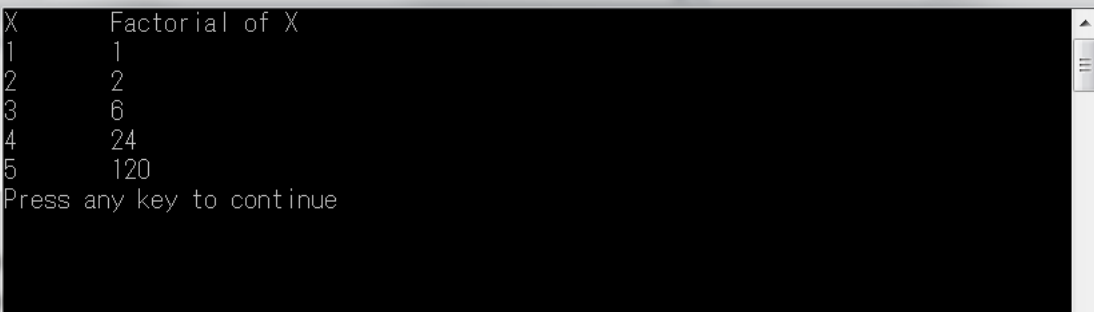
    printf( "X\tFactorial of X\n" ); /* display table headers */

    /* compute the factorial for 1 to 5 */
    for ( i = 1; i <= 5; i++ ) {
        factorial = 1;

        /* calculate factorial of current number */
        for ( j = 1; j <= i; j++ ) {
            factorial *= j;
        } /* end inner for */

        printf( "%d\t%d\n", i, factorial );
    } /* end outer for */

    return 0; /* indicate successful termination */
} /* end main */
```



```
X      Factorial of X
1      1
2      2
3      6
4      24
5      120
Press any key to continue
```