

Simple C Programming Example Compared to VBA and Python

Run this C program on:

<https://www.programiz.com/c-programming/online-compiler/>

```
#include <stdio.h>
int main() {
    int num, i;
    printf("Enter a positive integer: ");
    scanf("%d", &num);
    printf("Factors of %d are: ", num);
    for (i = 1; i <= num; ++i) {
        if (num % i == 0) {
            printf("%d ", i);
        }
    }
    return 0;
}
```

```
# a Python program to factor an integer
def main():
    num = int(input("enter an integer: "))
    print("Factors of {:d} are:".format(num))
    for i in range(1, num+1):
        if num % i == 0:
            print(i)

main()
```

```
'a vba program to factor an integer

Function factor()

Dim i As Integer, number As Integer

num = Cells(1, 1)
Cells(2, 1) = "Factors"
col = 2
For i = 1 To num
    If num Mod i = 0 Then
        Cells(2, col) = i
        col = col + 1
    End If
Next i

End Function
```