Pascal’s triangle

**#include<stdio.h>**

**Long factorial(int);**

**Int main()**

**{**

**Int i, n, c;**

**Printf(“Enter the number of rows you wish to see in pascal triangle\n”);**

**Scanf(“%d”, & n);**

**For (i = 0; i < n; i++) {**

**For (c = 0; c <= (n – i – 2); c++)**

**Printf(“ “);**

**For (c = 0; c <= i; c++)**

**Printf(“%ld “, factorial(i) / (factorial(c) \* factorial(i – c)));**

**Printf(“\n”);**

**}**

**Return 0;**

**}**

**Long factorial(int n) {**

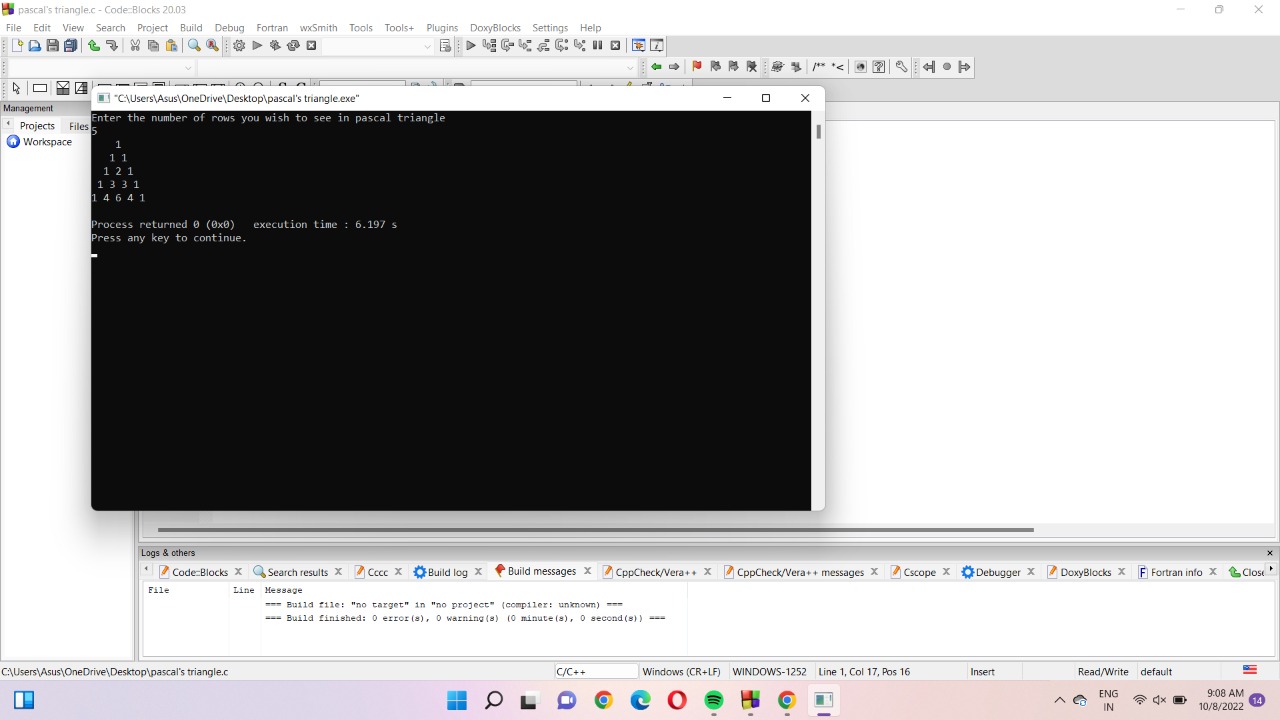
**Int c;**

**Long result = 1;**

**For (c = 1; c <= n; c++) result = result \* c;**

**Return result;**

**}**

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