Write code in C language to print following patterns(use nested loops):
Input: n(an integer number saying how many lines will your pattern have)
Output: Printed pattern
#Examples are for n=5

<pre>   1
      2 3
    4 5 1
   2 3 4 5
  1 2 3 4 5</pre>
	<pre> *
	    *
	*****
	    *
	    *</pre>

<pre>   1
      2 1 2
    3 2 1 2 3
  4 3 2 1 2 3 4</pre>
	<pre>*****
	* *
	* *
	* *
	*****</pre>

<pre>*   *
  *   *
     *
  *   *
*   *</pre>
	<pre> *
	 ***
	*****</pre>

<pre>*
**
***
****
*****
****
***
**
*</pre>
	<pre>*****
	 ***
	  *</pre>

<pre> *****
  *****
  *****
  *****
  *****</pre>
	<pre> *
	 ***
	*****
	 ***
	  *</pre>