

Generate Multiplication Table Arrays

Write a function described in the name (or comments below)

```
def mult_table(nrows, ncols):  
    # return array with nrows x ncols shape, contains multiplication table  
    # (as shown in example below)  
  
exec(input().strip()) # You must have this line when submit to grader
```

Hint : If you're having trouble, Try reading about how to calculate outer product

https://en.wikipedia.org/wiki/Outer_product

Input

Command in Python language to test a function

Output

Output from the command.

Example

Input (from keyboard)	Output (on screen)
<code>print(mult_table(2,2))</code>	<pre>[[1 2] [2 4]]</pre>
<code>print(mult_table(3,4))</code>	<pre>[[1 2 3 4] [2 4 6 8] [3 6 9 12]]</pre>
<code>print(mult_table(12,12))</code>	<pre>[[1 2 3 4 5 6 7 8 9 10 11 12] [2 4 6 8 10 12 14 16 18 20 22 24] [3 6 9 12 15 18 21 24 27 30 33 36] [4 8 12 16 20 24 28 32 36 40 44 48] [5 10 15 20 25 30 35 40 45 50 55 60] [6 12 18 24 30 36 42 48 54 60 66 72] [7 14 21 28 35 42 49 56 63 70 77 84] [8 16 24 32 40 48 56 64 72 80 88 96] [9 18 27 36 45 54 63 72 81 90 99 108] [10 20 30 40 50 60 70 80 90 100 110 120] [11 22 33 44 55 66 77 88 99 110 121 132] [12 24 36 48 60 72 84 96 108 120 132 144]]</pre>