|  |  |
| --- | --- |
| **OUTPUT** | **CODE** |
| \*  \* \*  \* \* \*  \* \* \* \*  \* \* \* \* \* | **clear all; close all;clc;**  **r=5;**  **for i=1:r**  **for j=1:r-i**  **fprintf(' ');**  **end**  **for k=1:i**  **fprintf('\* ');**  **end**  **fprintf('\n');**  **end** |
| 1  2 2  3 3 3  4 4 4 4  5 5 5 5 5 | **clear all; close all;clc;**  **r=5;**  **for i=1:r**  **for j=1:r-i**  **fprintf(' ');**  **end**  **for k=1:i**  **fprintf('%d',i);**  **fprintf(' ');**  **end**  **fprintf('\n');**  **end** |
| 1  1 2  1 2 3  1 2 3 4  1 2 3 4 5 | **clear all; close all;clc;**  **r=5;**  **for i=1:r**  **for j=1:r-i**  **fprintf(' ');**  **end**  **for k=1:i**  **fprintf('%d',k);**  **fprintf(' ');**  **end**  **fprintf('\n');**  **end** |

|  |  |
| --- | --- |
| **OUTPUT** | **CODE** |
| 1  121  12321  1234321  123454321 | **clear all; close all;clc;**  **w=5;**  **for i=1:1:w**  **for j=1:w-i**  **fprintf(' ');**  **end**  **for k=1:1**  **fprintf('%d',[1:i-1 i:-1:1]);**  **end**  **fprintf('\n');**  **end** |
| 123454321  1234321  12321  121  1 | **clear all; close all;clc;**  **o=5;**  **for i=5:-1:1**  **for j=o:-1:i**  **fprintf(' ');**  **end**  **for k=1:1**  **fprintf('%d',[1:j-1 i:-1:k]);**  **end**  **fprintf('\n');**  **end** |
| 9  898  78987  6789876  567898765 | **clear all; close all;clc;**  **n=9;**  **o=9;**  **r=5;**  **for i=1:1:r**  **for j=1:r-i**  **fprintf(' ');**  **end**  **for k=1:1**  **fprintf('%d',[o:1:n n-1:-1:o]);**  **o=o-1;**  **end**  **fprintf('\n');**  **end** |