

Practice Problem Set 0

1. Print the message "Hello World!" on one line
2. Print the message "This is a C program." on one line using one printf.
Print the message "This is a C program." on two lines so that the first line ends with C using one printf.
Print the message "This is a C program." on two lines so that the first line ends with C using two printf.
Print the message "This is a C program." with each word on a separate line using one printf.
Print the message "This is a C program." with the words separated by tabs.
3. Write a program that prints the following patterns.

1	1
2 3	2 3
4 5 6	4 5 6
7 8 9 10	7 8 9 10

4. Write a Program that prints the following shapes with asterisks.

The image shows four distinct shapes constructed from asterisks on a light blue background. From left to right: 1. A solid 10x10 square. 2. A diamond shape with a width of 10 and a height of 10. 3. A right-angled triangle with a base of 10 and a height of 10. 4. A circle with a diameter of 10.

5. Write a Program that prints the following checkerboard shape with asterisks.

The image shows a checkerboard pattern of asterisks on a light blue background. The pattern is 10 rows high and 10 columns wide. Asterisks are placed at positions where the row and column indices are both odd (1, 3, 5, 7, 9) or both even (2, 4, 6, 8, 10), assuming 0-indexing from the top-left corner.