

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 separately.

1
2 3
4 5 6
7 8 9 10

1
2 3
4 5 6
7 8 9 10

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

The image shows four distinct shapes constructed from asterisks (*). From left to right: 1. A square shape, approximately 10 units wide and 10 units high, with a solid border. 2. A circle shape, approximately 10 units in diameter, with a hollow interior. 3. A vertical line shape, approximately 10 units high and 1 unit wide, with a hollow interior. 4. A diamond shape, approximately 10 units wide and 10 units high, with a hollow interior.

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

The image shows a checkerboard pattern of asterisks. It is a square shape, approximately 10 units wide and 10 units high. The pattern consists of asterisks at the corners and along the edges, forming a grid-like structure with some internal connections.