Cavalier Institute - https://cavalierinstitutions.com

Date		Assignment	2

Topic : C Programming - Basics

6. Functions

● Write a function to find the maximum of two numbers and use it in the main program.
● Create a function that checks if a number is prime, and use it in a program to print all prime numbers between 1 and 100.
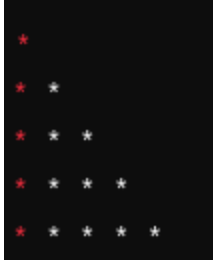
7. Strings

● Write a program that takes a string from the user and prints its length.
● Create a program that reverses a given string.

8. Pointers

● Write a program that uses a pointer to print the value and address of a variable.
● Create a program that swaps two numbers using pointers.

9. Simple Patterns

● Write a program to print a simple triangle pattern:

10. Structures

- Define a structure called `Student` with fields for name, age, and marks. Write a program to take input for three students and print their information.
- Create a structure called `Book` with fields for title, author, and price. Write a program to input and display information for 5 books.

END