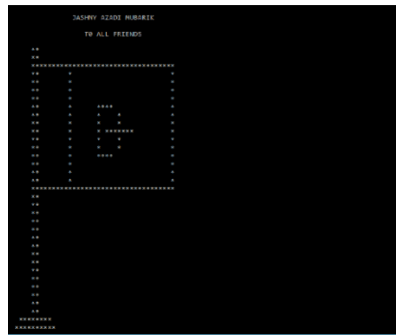


# Practice Questions

## Fundamentals Of Programming

- Q 1. Write a program in C++ to print a welcome text in a separate line.
- Q 2. Write a program in C++ to print the following pattern. Go to the editor

Sample Output:



- Q 3. Write a program in C++ to print the sum of two numbers.
- Q 4. Write a program in C++ to find Size of fundamental data types.
- Q 5. Write a program in C++ to print the sum of two numbers using variables.
- Q 6. Write a program in C++ to check the upper and lower limits of integer.
- Q 7. Expected Output:
- Q 8. Check the upper and lower limits of integer:

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The maximum limit of int data type : 2147483647

The minimum limit of int data type : -2147483648

The maximum limit of unsigned int data type : 4294967295

The maximum limit of long long data type : 9223372036854775807

::We already dicussed it in the class how to get range of any datatype.

- Q 9. Write a program in C++ to display the operation of pre and post increment and decrement.
- Q 10. Write a program in C++ to swap two numbers.
- Q 11. Write a program in C++ that converts kilometers per hour to miles per hour.
- Q 12. Write a program in C++ to compute the total and average of four numbers.
- Q 13. Write a program in C++ to check whether a number is positive, negative or zero.
- Q 14. Write a program in C++ to test the Type Casting.

Practice makes perfect. After a long time of practicing, our work will become natural, skillful, swift, and steady.

**Bruce Lee**