## Experiment No: 18

## **Experiment Name:** 1 to n Print

## **Objective:**

* Briefly introduce nested loops and their applications in C programming.
* State the specific purpose of the code (e.g., creating square patterns of asterisks).
* Mention any relevant concepts or techniques used in the code (e.g., user input, conditional statements).

# **Code:**

#include <stdio.h>

int main() {

int n;

printf("Enter the number of rows: ");

scanf("%d", &n);

for (int i = 0; i < n; i++) {

for (int j = 0; j < n; j++) {

printf("\* ");

}

printf("\n");

}

return 0;

}

# **Input:**

Enter any number: 8

# **Output:**

Natural numbers from 1 to 8 :

1

2

3

4

5

6

7

8