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**Roll Number: 45**

**Experiment Number: 14**

**Title: Hollow Box Star Pattern**

**Theory:**  The following program prints a hollow box pattern on the basis of 4 base conditions which match with any number of user input. Where condition is such that row and column =1 or =size (size is a variable used to store user input)

**Code:**

**#include <iostream>**

**using namespace std;**

**int main() {**

**int size;**

**cout << "Enter the size of the hollow box: ";**

**cin >> size;**

**for (int i = 1; i <= size; ++i) {**

**for (int j = 1; j <= size; ++j) {**

**if (i == 1 || i == size || j == 1 || j == size) {**

**cout << "\*";**

**} else {**

**cout << " ";**

**}**

**}**

**cout << endl;**

**}**

**return 0;**

**}**

**Output:(screenshot):**

