

CS111 Assignment 6

Write a complete C++ program that does the following:

- Prompts user to enter a positive odd integer $n < 30$. If the inputted value is incorrect, the program repeatedly force user to input values until n is within the expected value.
- The program then prints the two diagrams – large asterisks sign, and a plus sign.

For example, if the user enters 9 for n , the output is as follows:

Diagram 1:

```
*   *   *
*   *   *
*   *   *
***
*****
***
*   *   *
*   *   *
*   *   *
```

Diagram 2:

```
***
*  *
*  *
*****
*           *
*****
*  *
*  *
***
```