

## Pattern5

Write a C program that reads in a positive number on height between 1 and 9, and prints a triangular pattern according to height. For example, if height is 9, then the following pattern will be printed. There is no need to check user input errors.

```
      +
     +=
    +=+=
   +=+=+=
  +=+=+=+=
 +=+=+=+=+=
+=+=+=+=+=+=
+=+=+=+=+=+=+=
+=+=+=+=+=+=+=+
```

A sample program template is given below:

```
#include <stdio.h>
int main()
{
    /* Write your code here */
    return 0;
}
```

Sample input and output sessions are given below:

(1) Test Case 1:

Enter the height:

5

The pattern is:

```
      +
     +=
    +=+=
   +=+=+=
  +=+=+=+=
 +=+=+=+=+=
+=+=+=+=+=+=
```

(2) Test Case 2:

Enter the height:

8

The pattern is:

```
      +
     +=
    +=+=
   +=+=+=
  +=+=+=+=
 +=+=+=+=+=
+=+=+=+=+=+=
+=+=+=+=+=+=+=
+=+=+=+=+=+=+=
+=+=+=+=+=+=+=+
```