

## Pattern6

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

```
* * * * * * * * * * =
* * * * * * * * * ==
* * * * * * * * ===
* * * * * * * ====
* * * * * * =====
* * * * * =====
* * * * =====
* * * =====
* * =====
* =====
=====
```

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:

```
* * * * * * * * =
* * * * * * * ==
* * * * * * ===
* * * * * * ====
* * * * * * =====
* * * * * =====
* * * * =====
* * * =====
* * =====
* =====
=====
```

(3) Test Case 3:

Enter the height:

1

The pattern is:

=