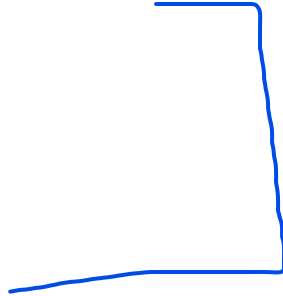## printPattern3

Write a program that reads an integer number (between 1 and 9), and displays a pattern according to the value of the number. For example, if the number is 9, then the following pattern should be printed:

```
1
23
345
4567
56789
678901
7890123
89012345
901234567
```

A sample program template is given below:

```c
#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:
```
1
23
345
4567
56789
```

(2) Test Case 2:
Enter the height:
7
The pattern is:
```
1
23
345
4567
56789
678901
7890123
```

```c
#include <stdio.h>
int main()
{
    int height;
    int i,j;

    printf("Enter the height:\n");
    scanf("%d",&height);
    printf("The pattern is:\n");

    for(i=1;i<=height;i++)
    {
        j=i;
        for(j=0;j<i;j++)
        {
            printf("%d",(i+j)%10);
        }
        printf("\n");
    }
    return 0;
}
```