# TABLE RECURSION

## Code:

```java
package com.mycompany.tablerecursion;

import java.util.*;
public class TableRecursion {

    public static void main(String[] args) {
        Scanner input = new Scanner(System.in);
        int n;
        System.out.println("Enter a number whose table is required: ");
        n = input.nextInt();
        System.out.println("Enter starting value: ");
        int i = input.nextInt();
        table(n, i);
    }

    public static void table(int n, int i) {
        if (i <= 10) {
            System.out.println(n + " * " + i + " = " + (n * i));
            table(n, i + 1);
        }
    }
}
```

## Output:

```
Enter a number whose table is required:
9
Enter starting value:
1
9 * 1 = 9
9 * 2 = 18
9 * 3 = 27
9 * 4 = 36
9 * 5 = 45
9 * 6 = 54
9 * 7 = 63
9 * 8 = 72
9 * 9 = 81
9 * 10 = 90
```