

```
1 //24. Develop a program that prints the
   multiplication table for a given number.
2 import java.util.Scanner;
3
4 public class MultiplicationTable {
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7
8         System.out.print("Enter a number: ");
9         int num = scanner.nextInt();
10
11         System.out.println("Multiplication Table for
    " + num + ":");
12         for (int i = 1; i <= 10; i++) {
13             System.out.println(num + " x " + i +
    " = " + (num * i));
14         }
15
16         scanner.close();
17     }
18 }
19
20
```