```java
1
2  //42. Create a program to print the month of the year
       based on a number (1-12) input by the user.
3  import java.util.Scanner;
4
5  public class MonthName {
6      public static void main(String[] args) {
7          Scanner sc = new Scanner(System.in);
8          System.out.print("Enter month number (1-12
   ): ");
9          int month = sc.nextInt();
10
11         String[] months = {"January", "February", "
   March", "April", "May", "June",
12                 "July", "August", "September", "
   October", "November", "December"};
13         if (month >= 1 && month <= 12) {
14             System.out.println("Month: " + months[
   month - 1]);
15         } else {
16             System.out.println("Invalid month number
   !");
17         }
18     }
19 }
20
21
```