```java
import java.util.Scanner;
public class SecretMessageDecoder {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        String mapping = "DWELHOR";
        System.out.println("Enter 10 numbers (1-7):");
        StringBuilder decodedMessage = new StringBuilder();
        for (int i = 0; i < 10; i++) {
            int number = scanner.nextInt();
            if (number >= 1 && number <= 7) {
                char letter = mapping.charAt(number - 1);
                decodedMessage.append(letter);
            } else {
                System.out.println("Invalid number. Please enter a valid number."
                    );
                i--;
            }
        }
        System.out.println("Decoded message: " + decodedMessage.toString());
    }
}
```

```
java -cp /tmp/WziT2DLf7C/SecretMessageDecoder
Enter 10 numbers (1-7):
7
6
5
4
3
2
1
5
6
4
Decoded message: ROHLEWDHOL

=== Code Execution Successful ===
```

```java
public class SearchRoutine {
    public static void main(String[] args) {
        String text = "Hello world!";
        int i = 0;
        while (i < text.length()) {
            char ch = text.charAt(i);
            if (ch == ' ') {
                break;
            }
            System.out.print(ch);
            i++;
        }
    }
}
```

```
java -cp /tmp/PEx3DjG33Q/SearchRoutine
Hello
=== Code Execution Successful ===
```

```java
import java.time.LocalDate;
import java.time.format.TextStyle;
import java.util.Locale;
public class DayOfWeekPrinter {
    public static void main(String[] args) {
        for (int dayNumber = 1; dayNumber <= 365; dayNumber++) {
            LocalDate date = LocalDate.ofYearDay(2024, dayNumber);
            String dayOfWeek = date.getDayOfWeek().getDisplayName(TextStyle.FULL,
                Locale.ENGLISH);
            System.out.println("Day " + dayNumber + ": " + dayOfWeek);
        }
    }
}
```

```
java -cp /tmp/yCx02wC1HJ/DayOfWeekPrinter
Day 1: Monday
Day 2: Tuesday
Day 3: Wednesday
Day 4: Thursday
Day 5: Friday
Day 6: Saturday
Day 7: Sunday
Day 8: Monday
Day 9: Tuesday
Day 10: Wednesday
Day 11: Thursday
Day 12: Friday
Day 13: Saturday
Day 14: Sunday
Day 15: Monday
Day 16: Tuesday
Day 17: Wednesday
Day 18: Thursday
Day 19: Friday
Day 20: Saturday
Day 21: Sunday
Day 22: Monday
Day 23: Tuesday
Day 24: Wednesday
Day 25: Thursday
```

```java
import java.util.Arrays;
import java.util.Scanner;
public class AnagramChecker {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        System.out.print("Enter the first string: ");
        String str1 = scanner.nextLine().replaceAll("[^a-zA-Z]", ""
            ).toLowerCase();
        System.out.print("Enter the second string: ");
        String str2 = scanner.nextLine().replaceAll("[^a-zA-Z]", ""
            ).toLowerCase();
        boolean areAnagrams = checkAnagrams(str1, str2);
        if (areAnagrams) {
            System.out.println("The two strings are anagrams.");
        } else {
            System.out.println("The two strings are not anagrams.");
        }
    }
    static boolean checkAnagrams(String s1, String s2) {
        char[] charArray1 = s1.toCharArray();
        char[] charArray2 = s2.toCharArray();
        Arrays.sort(charArray1);
        Arrays.sort(charArray2);
        return Arrays.equals(charArray1, charArray2);
    }
}
```

```
java -cp /tmp/NJXAZ5nY9F/AnagramChecker
Enter the first string: teacher
Enter the second string: hectare
The two strings are anagrams.

=== Code Execution Successful ===
```