```
import java.util.Scanner;

public class HelloWorld{

	public static void main(String[] args){
		// Creating Scanner class object(產生 Scanner 類別物件)
		Scanner scan = new Scanner(System.in);

		// Enter first input
		System.out.print("Enter First Number: ");
		int a = scan.nextInt();

		// Enter second input
		System.out.print("Enter Second Number: ");
		int b = scan.nextInt();

		System.out.println("Sum: " + (a + b));
		scan.close(); // Closing the scanner to release resources
	}

}
```

```
import java.util.Scanner;

public class HelloWorld{

	public static void main(String[] args){
		// Creating Scanner class object(產生 Scanner 類別物件)
		Scanner scan = new Scanner(System.in);
		System.out.print("Please enter a integer number: "); //  請輸入一個整數
		int num = scan.nextInt();

		if (num <= 10) {
			System.out.println(num + " is less than or equal to 10"); // num 小於或等於 10
		} else {
			System.out.println(num + " is larger than 10"); // num 大於 10
		}
		scan.close(); // Closing the scanner to release resources
	}
```

}

Scanner class provides some methods to read different data types:

Method	Description
nextBoolean()	Used for reading Boolean value.
nextByte()	Used for reading Byte value.
nextDouble()	Used for reading Double value.
nextFloat()	Used for reading Float value.
nextInt()	Used for reading Int value.
nextLine()	Used for reading Line value.
nextLong()	Used for reading Long value.
nextShort()	Used for reading Short value.

```
import java.util.Scanner;

public class HelloWorld{

    public static void main(String[] args){
        // Creating Scanner class object(產生 Scanner 類別物件)
        Scanner scan = new Scanner(System.in);

        //  請輸入一個介於 1 至 7 的整數
        System.out.print("Please enter a number between 1 and 7: ");
        int day = scan.nextInt();
        String dayType;
        String dayString;

        switch (day) {
            case 1:
                dayString = "Monday";
                break;
            case 2:
                dayString = "Tuesday";
                break;
            case 3:
                dayString = "Wednesday";
                break;
            case 4:
                dayString = "Thursday";
                break;
            case 5:
                dayString = "Friday";
                break;
            case 6:
                dayString = "Saturday";
                break;
            case 7:
                dayString = "Sunday";
                break;
            default:
                dayString = "Invalid day";
                break;
        }
```

```
        switch (day) {
            // Multiple cases without break statements
            case 1:
            case 2:
            case 3:
            case 4:
            case 5:
                dayType = "Weekday";
                break;
            case 6:
            case 7:
                dayType = "Weekend";
                break;
            default:
                dayType = "Invalid daytype";
                break;
        }
        System.out.println(dayString + " is a " + dayType);
        scan.close(); // Closing the scanner to release resources
    }

}
```