

src\Problem3.java

```
1  /*
2  Name: Hunter Poole
3  Date: 2/20/25
4  HW #: 4
5  Problem #: 3
6  Source Code: Problem3.java
7  Action: Given a number 1 - 7, returns the current day for that number.
8          Sunday is 1.
9          Display error message and exit if number is not in range (1, 7)
10 */
11
12 import java.util.Scanner;
13
14 public class Problem3 {
15     public static void main(String[] args)
16     {
17         int Day = 0;
18
19         Scanner Input = new Scanner(System.in);
20         System.out.print("Enter a number ");
21         Day = Input.nextInt();
22
23         if (Day < 1 || Day > 7)
24         {
25             System.out.println("Error: Please enter a number 1 - 7");
26             System.exit(0);
27         }
28
29         switch (Day)
30         {
31             case 1:
32                 System.out.println("Today is Sunday");
33                 break;
34             case 2:
35                 System.out.println("Today is Monday");
36                 break;
37             case 3:
38                 System.out.println("Today is Tuesday");
39                 break;
40             case 4:
41                 System.out.println("Today is Wednesday");
42                 break;
43             case 5:
44                 System.out.println("Today is Thursday");
45                 break;
46             case 6:
47                 System.out.println("Today is Friday");
```

```
48         break;
49     case 7:
50         System.out.println("Today is Saturday");
51         break;
52     }
53 }
54 }
55
56 /*
57 Enter a number 1
58 Today is Sunday
59
60 Enter a number 2
61 Today is Monday
62
63 Enter a number 3
64 Today is Tuesday
65
66 Enter a number 4
67 Today is Wednesday
68
69 Enter a number 5
70 Today is Thursday
71
72 Enter a number 6
73 Today is Friday
74
75 Enter a number 7
76 Today is Saturday
77
78     // Additional cases //
79     // For error and exit //
80
81 Enter a number 0
82 Error: Please enter a number 1 - 7
83
84 Enter a number 8
85 Error: Please enter a number 1 - 7
86 */
```