src\Problem3.java

```
1 /*
 2
   Name: Hunter Poole
 3
   Date: 2/20/25
 4
   HW #: 4
 5
   Problem #: 3
   Source Code: Problem3.java
 6
    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
    public class Problem3 {
14
        public static void main(String[] args)
15
16
17
            int Day = 0;
18
            Scanner Input = new Scanner(System.in);
19
            System.out.print("Enter a number ");
20
21
            Day = Input.nextInt();
22
            if (Day < 1 || Day > 7)
23
24
            {
                System.out.println("Error: Please enter a number 1 - 7");
25
                System.exit(∅);
26
            }
27
28
29
            switch (Day)
30
31
                case 1:
                    System.out.println("Today is Sunday");
32
                    break;
33
34
                case 2:
                     System.out.println("Today is Monday");
35
36
                    break;
                case 3:
37
                     System.out.println("Today is Tuesday");
38
                    break;
39
40
                case 4:
                     System.out.println("Today is Wednesday");
41
42
                     break;
43
                case 5:
                    System.out.println("Today is Thursday");
44
                    break;
45
                case 6:
46
                     System.out.println("Today is Friday");
47
```

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```
48
                    break;
49
                case 7:
                    System.out.println("Today is Saturday");
50
51
                    break;
52
            }
53
        }
54
    }
55
    /*
56
57
    Enter a number 1
    Today is Sunday
58
59
60
    Enter a number 2
61
    Today is Monday
62
    Enter a number 3
63
    Today is Tuesday
64
65
    Enter a number 4
66
67
    Today is Wednesday
68
    Enter a number 5
69
    Today is Thursday
70
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
    Enter a number 0
81
82
    Error: Please enter a number 1 - 7
83
84
    Enter a number 8
    Error: Please enter a number 1 - 7
85
    */
86
```

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