# Test Plan – Calendar

Necessary cases to test will vary by problem.

As a starting point, write a test plan that looks for:

* the typical cases for the problem given
* the boundary conditions on all input values
* invalid inputs

Show the input sequence for a given case, and list the expected output.

| Test Cases | |
| --- | --- |
| **Description** | **Given Input (in bold) and Expected Output** |
| Typical case(s) |  |
|  | * Enter day: **3** * Enter the number of days in the month: **29** * Enter the special day: **16** * Sun Mon Tue Wed Thr Fri Sat * 1 2 3 4 5 * 6 7 8 9 10 11 12 * 13 14 15 \*16 17 18 19 * 20 21 22 23 24 25 26 * 27 28 29 |
|  | * Enter day: **3** * Enter the number of days in the month: **30** * Enter the special day: **16** * Sun Mon Tue Wed Thr Fri Sat * 1 2 3 4 5 * 6 7 8 9 10 11 12 * 13 14 15 \*16 17 18 19 * 20 21 22 23 24 25 26 * 27 28 29  30 |
|  |  |
|  | * Enter day: **3** * Enter the number of days in the month: **28** * Enter the special day: **6** * Sun Mon Tue Wed Thr Fri Sat * 1 2 3 4 5 * \*6 7 8 9 10 11 12 * 13 14 15 16 17 18 19 * 20 21 22 23 24 25 26 * 27 28 |
| Boundary condition(s) | * Enter day: **3** * Enter the number of days in the month: **31** * Enter the special day: **9** * Sun Mon Tue Wed Thr Fri Sat * 1 2 3 4 5 * 6 7 8 \*9 10 11 12 * 13 14 15 16 17 18 19 * 20 21 22 23 24 25 26 * 27 28 29  30 31 |
| Invalid input(s) | * Enter day: **foo** * Enter day: **6** * Enter the number of days in the month: **28** * Enter the special day: **6** * Sun Mon Tue Wed Thr Fri Sat * 1 2 * 3 4 5 \*6 7 8 9 * 10 11 12 13 14 15 16 * 17 18 19 20 21 22 23 * 24 25 26 27 28 |
|  | * Enter day: **6** * Enter the number of days in the month: **foo** * Enter the number of days in the month: **28** * Enter the special day: **6** * Sun Mon Tue Wed Thr Fri Sat * 1 2 * 3 4 5 \*6 7 8 9 * 10 11 12 13 14 15 16 * 17 18 19 20 21 22 23 * 24 25 26 27 28 |
|  | * Enter day: **6** * Enter the number of days in the month: **28** * Enter the special day: **foo** * Enter the special day: **6** * Sun Mon Tue Wed Thr Fri Sat * 1 2 * 3 4 5 \*6 7 8 9 * 10 11 12 13 14 15 16 * 17 18 19 20 21 22 23 * 24 25 26 27 28 |