# 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)  29 days of the month  28 days in a month | 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: **28**  Enter the special day: **18**  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: **32**  Enter the number of days in the month: **28**  Enter the special day: **18**  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:  **8**  Enter day:  **3**  Enter the number of days in the month: **28**  Enter the special day: **18**  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:  **3**  Enter the number of days in the month: **28**  Enter the special day: **0**    Enter the special day: **18**  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 |
| Invalid input(s) | Enter day:  **foo**  Enter day:  **3**  Enter the number of days in the month: **28**  Enter the special day: **0**    Enter the special day: **18**  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:  **3**  Enter the number of days in the month: **bar**  Enter the number of days in the month: **28**  Enter the special day: **18**  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 |