# Test Plan – Good Times

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 | |
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| **Description** | **Given Input (in bold) and Expected Output** |
| Typical case(s) | **Input**  1300  **Output**  1300 in Ottawa  1000 in Victoria  1100 in Edmonton  1200 in Winnipeg  1300 in Toronto  1400 in Halifax  1430 in St. John’s |
|  | **Input**  1300  **Output**  2200 in Ottawa  1900 in Victoria  2000 in Edmonton  2100 in Winnipeg  2200 in Toronto  2300 in Halifax  2330 in St. John’s |
|  | **Input**  2430  Please provide an integer value between 0 and 2359.  1200  **Output**  1200 in Ottawa  900 in Victoria  1000 in Edmonton  1100 in Winnipeg  1200 in Toronto  1300 in Halifax  1330 in St. John’s |
| Boundary condition(s) | **Input**  0  **Output**  0 in Ottawa  2100 in Victoria  2200 in Edmonton  2300 in Winnipeg  0 in Toronto  100 in Halifax  130 in St. John’s |
|  | **Input**  59  **Output**  59 in Ottawa  2159 in Victoria  2259 in Edmonton  2359 in Winnipeg  59 in Toronto  159 in Halifax  129 in St. John’s |
| Invalid input(s) | **Input**  2400  Please provide an integer value between 0 and 2359.  1200  **Output**  1200 in Ottawa  900 in Victoria  1000 in Edmonton  1100 in Winnipeg  1200 in Toronto  1300 in Halifax  1330 in St. John’s |
|  | **Input**  pizza  Please provide an integer value between 0 and 2359.  1200  **Output**  1200 in Ottawa  900 in Victoria  1000 in Edmonton  1100 in Winnipeg  1200 in Toronto  1300 in Halifax  1330 in St. John’s |
|  | **Input**  -1  Please provide an integer value between 0 and 2359.  1200  **Output**  1200 in Ottawa  900 in Victoria  1000 in Edmonton  1100 in Winnipeg  1200 in Toronto  1300 in Halifax  1330 in St. John’s |