Test data | Part C

To do a boundary value test, I would type in a number which is at the boundary of my range - 0 and 24. Ideally I would do a few tests, one to test the bottom boundary of 0, and then the top boundary of 24. It would also be good to test 1 and 25, to test either side of the boundary. It is important that the boundary values are tested, because it is here where the use of more than equals, instead of more than causes unexpected results.

Null values. What should happen to my system if I leave a field blank? Should it give me an error message? To do this test, leave fields blank. You might find you get a strange result. In some systems this may result in a system crash.

For an invalid test I should use a value that I would not expect someone to type into my system. The system is expecting a number between 0 and 24. But to do this test you are testing data that should not be accepted. I might type in a date, or some letters, like the word ‘hello’. My expected result is that the system gives me an error message, and tells me what I should be typing in.