

## Exercise Seven

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7.1 Create a new Project called `exercise_7` with a Package called `exercise_7`, copy `ex6_8` from `exercise_6` and rename it as `ex7_1`

Test the `gender` variable to make sure the value is uppercase ...

*Gender is not Uppercase*

7.2 Copy `ex7_1` to `ex7_2`. Extend the above to test that the `gender` is a letter

*Gender is not a letter*

7.3 Copy `ex7_2` to `ex7_3`. Test that the fifth character in `name` is lowercase

*The fifth character in Williams is lowercase.*

7.4 Copy `ex7_3` to `ex7_4`. Change the value of `name` to `null`, create a new test for `null` ...

*The name is null*

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7.5 Copy ex6\_6 from exercise\_6 to ex7\_5.

Create two Boolean variables, called name\_test and gender test

Repeat the test on name to check for nulls.

Change the test on name and gender so that instead of outputting messages at this point, save boolean values into the above boolean variables.

Following the testing above, test whether the name\_test and gender are identical and display an appropriate output ...

*The person is Male and called Williams*