



Test number	Description	Data Type	Expected Result	Pass/Fail	Cross R
1	Checking that the login screen allows user to log in with their credentials.	Typical	System logs in using the user's data.	Pass	
2	Checking that the log in screen does not allow people to log in with any credentials.	Erroneous. (Incorrect Password)	Error message appears. (Your Username or Password is incorrect. Please try again.)	Pass	
3	Checking that the program calculates 'k' correctly.	Typical. (6.42 ⁻¹ , 5.15 ⁻¹ , 1, 1, 4.12 ⁻⁴)	Answer calculated using correct steps and being the same as on a calculator (rounded to 3sigfig).	Pass	