

The coding assignments on this course are marked using an auto-grader. The auto-grader accepts the code you submit then runs a number of tests on the submitted code to ensure that the code performs the required functionality.

How do I submit my solution?

When you have your working solution you can switch to the 'My Submission' section of the assignment in the Coursera user interface. Click the '+Create submission' button then click the part to allow you to upload your solution to that part. When you have uploaded your solution click 'submit' to send your solution to the grader. After a short while you should see the result of the grader.

Why did I fail?

There may be a number of reasons why the grader failed your submission:

- Format of submitted file was not correct. When exporting flows from NodeRED if you use a generic text editor, not targeted to developers, then there may be some auto-formatting features enabled to make text look better when printed. If the editor used to save the flow makes formatting changes it can make the flow fail to import to NodeRED. You can verify the file you are submitting can be imported to NodeRED by trying to import it to your own flow editor. If you open the file you submitted in a text editor, select all the content of the file then import it to your NodeRED flow editor you should be able to import the flow. If not your editor has probably altered the text. Either use a different editor or configure your editor not to make any changes (often called smart text features)
- You may not have followed the instructions on what your solutions needs to output. The auto-grader will verify the output of your application, so when you are asked to output "**Number <the generated random number> is a low number**" you need to output a message that follows the instructions, so "**number 4 is low**" or "**4 = low**" may mean the same thing, but the grader will not recognise this as being the correct solution. Ensure your solution outputs exactly what is asked for "**Number 4 is a low number**"
- You can get further information about why your submission failed by selecting to "Show grader output". This may help you identify any issues with your submission
- If you get a message that "**Grading failed**", then please contact Coursera for help or write in the forum, as this indicates an issue with the auto-grader system.

Are there sample solutions available?

No, sample solutions are not posted. The lectures and readings provide all the information you need to be able to complete the assignments. If you need language resources, such as how to get the current time, then the resources section of the course material provides links to reference information on the languages used in this course. Please do not share your solution in the forum asking for help, as this may give an advantage to other learners.