**21-point scale for Second Year Introductory Scientific Computing**

**Assessment 4**

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| --- | --- | --- | --- |
| **Mark** | **%** | **Feedback Criteria** | **Program Criteria to be satisfied** |
| **20** | 100 | *Excellent with outstanding aspects* | * All parts of the exercises are completed with significant useful extra code which goes beyond the brief. * The code is clear, concise, very well structured, with excellent programming style and extensive, clear documentation. * The code functions to a high standard, is robust and efficient and has no errors. * The supporting material is written to a very high standard, is robust and thoroughly demonstrates the key aspects required, including detailed justifications of convergence and related matters. |
| **19** | 95 |
| **18** | 90 |
| **17** | 85 | *Mostly excellent* | * All parts of the exercises are completed with useful extra code that goes beyond the brief. * The code is clear, concise, using mostly excellent programming style throughout. It is very well structured with mostly excellent documentation. * The code functions to a high standard and is robust. There are no errors. * The supporting material is well written, with excellent presentation of results. It goes beyond the brief and is very thorough (clear demonstration of convergence. |
| **16** | 80 |
| **15** | 75 | *Mostly very good* | * All parts of the exercises are completed, performing all tasks asked for, and may contain some elements that go beyond the brief. * The code is clear, well-structured, and has good programming style throughout with very good documentation. * The code functions to a very good standard, is robust, exhibits no major weaknesses and contains no errors. * The supporting material is of a very good standard with no errors, clear and accurate presentation of results, and clearly demonstrates all key aspects asked for. |
| **14** | 70 |
| **13** | 65 | *Mostly good* | * All parts of the exercises are completed, performing all tasks asked for. * The code is clear, mostly well-structured and is at least partly documented. * The code functions to a good standard, is relatively robust with satisfactory programming style with no major weaknesses. May contain minor errors. * The supporting material is of a good standard, containing only minor errors, and demonstrating convergence of solution. |
| **12** | 60 |
| **11** | 55 | *Mostly satisfactory* | * Most parts of the exercises are completed, performing most tasks asked for. * The code is mostly clear, with some coherent structure and some documentation. * The code functions to a satisfactory standard, with satisfactory programming style. There may be one or more errors which prevents part of it running correctly and it may not be robust. * The supporting material is satisfactory and demonstrates most key aspects of the code asked for. |
| **10** | 50 |
| **9** | 45 | *Some satisfactory, some poor* | * Most parts of the exercise are attempted, performing some tasks asked for. * There are some elements of the code which are written clearly. * Some parts of the code do work but errors prevent most of it working correctly. * The supporting material is poorly written or does not demonstrate the key aspects asked for. |
| **8** | 40 |
| **7** | 35 | *Mostly poor* | * Some parts of the exercise are attempted but not the majority. * The code is mostly not clear with no clear structure. * Code mostly not functional. Some significant parts could work in principle but contain serious errors. |
| **6** | 30 |
| **5** | 25 | *Poor to unacceptable* | * Most of the exercise not completed. * The code is mostly not clear with no structure. * Code mostly not functional. Some significant parts could work in principle but contain serious erros. |
| **4** | 20 | *Mostly unacceptable* | * Almost all of the exercise not completed. * Code is not functional. Some small sections of code could work in principle but contain serious errors. |
| **3** | 15 |
| **2** | 10 | *Unacceptable* | * Almost all of the exercise is not completed. * Code is not functional. Some evidence of effort and basic understanding, but no parts could work even in principle. |
| **1** | 5 |
| **0** | 0 |  | * Work not handed in or no significant effort made to write code. |