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| **Learning Goal** | **1 pt** | **2 pt** | **3 pt** |
| Transfer work from a visual-based program (Excel) to a computational program (MATLAB) | Code runs but result doesn’t make sense geologically | Code runs and timescale is reasonable but different from Excel model | Code runs and timescale is similar to result from Excel model |
| Regularly comment to define purpose of code and relevant references for given values | Sparse comments | Moderate comments, some things omitted | Regular commenting, all references for given values are cited |
| Implement a for loop to run calculations that iterate through time |  |  | Code contains a working for loop |
| Quantify the effects of variations in the geological parameters (T, P, fO2) on retrieved timescale | Limited assessment of geological parameters in written assignment | Assesses the effect of the parameters but doesn’t discuss the geological implications | Assesses the effect of the parameters and thoroughly discusses the geological implications |

Total possible points: 12