Programming Stream Project

Project Title: Programming with MATLAB Project
Pre-Requisite Module: Programming with MATLAB
Time Requirement: 10 hours

Option 1:
Euler and Runge–Kutta methods are Numerical techniques used to solve ordinary differential equations. Implement both methods for solving ordinary differential equations in MATLAB. Solve an ODE problem with both of them and show which one is better in terms of accuracy.

https://en.wikipedia.org/wiki/Euler_method

https://en.wikipedia.org/wiki/Runge%E2%80%93Kutta_methods

Option 2:
Implement a bank management system in MATLAB using classes. The user should be able to create a new account, update information of an existing account, view and manage transactions, check the details of an existing account, remove existing accounts and view customers' lists. You should also save and load all information into and from a file on hard disk.

When discussing your results in this project, please write everything in a Microsoft Word document and save it as either a .docx or .pdf file. Please enclose this file as well as your code files in a folder that you will submit as your completed project.