**Team Arthemis Project Proposal**

Programming Language: C Project

Title: Cholesterol Ratio Calculator

Description:

A tool that assists people in calculating their cholesterol ratio and the ratio of their "good" cholesterol (HDL) to their "bad" cholesterol (LDL). The Cholesterol Ratio Calculator will compute a user's cholesterol ratio when they enter their cholesterol levels (HDL, LDL, triglycerides), and it will then give them a result that falls into one of four categories: ideal, good, high, or too high. A person with a healthy cholesterol ratio has a minimal risk of acquiring heart disease (ideal). Whereas a high cholesterol ratio denotes a significant risk, a good cholesterol ratio denotes an average risk. A high risk of getting heart disease is indicated by an excessive cholesterol ratio. Along with the calculator, the program will also include a diet and exercise planner to promote fitness and help the user track their calories and physical activities