Read the following 3 papers on Polylearn

- Toyota's killer firmware: Bad design and its consequences
- Toyota Unintended Acceleration and the BigBowl of “Spaghetti” Code
- Why every embedded software developer should care about the Toyota verdict

Answer the following questions and submit your responses on Polylearn. Your answers should show a well thought out response with supporting evidence for your opinion. Retype each question before your response. (<u>This is an individual assignment and will not be submitted as a group</u>)

1. Should Toyota’s firmware quality be considered a violation of safety standards? If so, how could this be prevented or detected sooner in the future?
2. Beyond automobiles, what microcontroller devices pose risk to human life with poor quality code? How can those devices (including their firmware) be vetted for safety?
3. Should coders be held responsible for poorly written code? Should project managers, who may not be coders or look at the software, be held responsible?
4. Is it feasible to create a software equivalent of a professional engineer and requiring software to be “stamped” or “signed off” by a licensed engineer.