QUESTION #1

For human assembly programmers, which type of CISC or RISC processors are easy for programming (assembly programming)? Why (justify your choice)?

QUESTION #2

Suppose we compile source code files in high-level programming languages (e.g., C/C++, Java, and etc.), which type of CISC or RISC instruction set architecture will result in binary executable with a larger number of instructions? Why?

QUESTION #3

Which types of processors (CISC or RISC processors) do compilers have more opportunities to perform compile-time optimizations? Justify you choice.

QUESTION #4

ARM processor is one of the most popular RISC-based processor these days. Do your research to find the reasons why ARM processors are one of the best-selling RISC processor.