

Exercise

- A program is running on CPU1 with the following parameters:
 - Total instructions executed: 10 million
 - Average CPI: 2.5 cycles/instruction
 - CPU Clock rate: 200MHz
- The same program running on a new compiler in CPU2 requires:
 - Total instructions executed: 9.5 million
 - Average CPI: 3.0 cycles/instruction
 - CPU Clock rate: 300MHz
- How much is the speedup when comparing the two CPUs?