

2020: CS322- Computer Architecture Lab

Lab0

- (a) Prepare a summary sheet on microprocessors in the market: Past and Present(eg. x86 (intel), ARM, MIPS, SPARC, Alpha, POWER PC, Motorola , Apple , Huawei , AMD, cyrix , Samsung etc.)

*Preferably compare(if available), **Name of Architecture, Number of Transistors, CPU Clock rate, Memory Capacity, Cache, Data bus width, Address bus width, Number of Cores or CPUs** (if applicable). Use tables for comparison.*

(50 points)

- (b) *Prepare list of micro-controllers available in the market*

(25 points)

- (c) *Prepare list of processor simulators available (eg. X86 simulators, MIPS simulator along with key features)*

(25 points)

Handwritten report only: Submit to: (file name: yourrollno.pdf)

<https://u.pcloud.com/#page=puplink&code=zCw7Zh1RfTNBfx9FPsJJ7Uyx3WyR1NclV>

Due on 21st August (5 PM)