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# **Project 1**

## **Survey on a Computer System or a Processor**

# Description

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- ◆ **Do a survey on a computer system or a processor:**
  - **Processors:**
    - a modern general-purpose microprocessor: such as the latest Intel, AMD multi-core processor, etc.
    - a classic microprocessor: such as Intel-8086, Intel Pentium, Motorola-68000, MIPS R10K, etc.
    - an embedded microprocessor: such as ARM, PowerPC, etc.
    - Other types of special-purpose processors: such as GPUs (NVIDIA, ATI), DPSs, etc.
  - **Computer System:**
    - Supercomputers, such as Cray-1, Tian He, etc.
    - Servers
    - Personal Computers (PCs)
    - Embedded Systems, System-on-Chip (SoC)

# Description

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- ◆ **15 mins presentation in Class.**
  - **10 mins presentation + 5 mins Q & A.**
- ◆ **Working in groups**
  - **2~3 students in a group. (team work required)**
- ◆ **Prepare your slides and any other presentation materials you need.**
- ◆ **Submit a short report after your presentation (based on your slides).**