



Week-1 Activity-1

Introduction
to Computer
Architecture

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Activity

- List and briefly describe computers that you have used/owned.
 - Highlight features that amazed you.
 - List things that worked well and things that didn't.
 - Which operating system and/or application did you use?
 - Discuss about the CPU(s) and their features
 - Do you have a preference on a CPU type and/or brand? if yes, which one and why?

- Read “Computing Machinery And Intelligence” By A.M.Turing and answer the following questions
 - How does “The Imitation Game” answer the question “Can machines think? ” ?
 - Are all digital computers discrete state machines ?
Support your answer with details
 - Consider the “Learning Machines” described in section 7, are there any computing systems today that could learn?
List at least two computing systems and explain why you think they are “Learning Machines” .
 - Can machines make mistakes ?

“Computing Machinery And Intelligence” is available in the course web site.