

Introduction to Computer & History

Today's Aim

- ☀ Introduction to Computer
- ☀ Some early age machines
- ☀ First computer programmer

What is Computer?

- Computer is a machine that takes input, processes it and gives the output.

History



Al-Jazari's 'Castle Clock'



Abū al-'Iz Ibn Ismā'īl ibn al-Razzāz al-Jazarī (1136–1206)



He described fifty mechanical devices along with instructions



The "castle clock", an astronomical clock invented by Al-Jazari in 1206, is considered to be the earliest programmable analog computer.



Wilhelm Schickard's Mechanical Calculator



Wilhelm Schickard's devices (1623) was the first of a number of mechanical calculators constructed by European engineers, but none fit the modern definition of a computer, because they could not be programmed.



Jacquard's loom (Fabric Weaving Machine)



In 1801, Joseph Marie Jacquard made an improvement to the textile loom by introducing a series of punched paper cards as a template which allowed his loom to weave intricate patterns automatically.