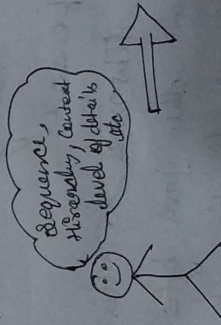


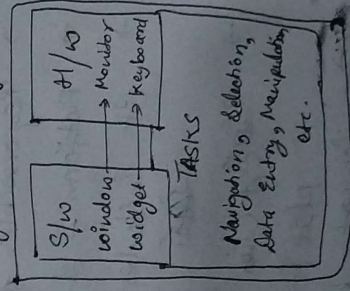
HCI

- HCI [Human Computer Interaction] is a field of study that refers to communication b/w the human user and the computer system.
- Here interface refers to a medium or interaction b/w the computer and the end user.
- It is also known as CHI (Computer Human Interface) or MMI (Man Machine Interaction)
- It is used to provide a user friendly environment.
- It ~~best~~ is basically deals with the study, planning design, implementation and evaluation of how people and computers work together so that a person's needs are satisfied in the most effective way.

Conceptual Model (Automation Model)



Implementable Model (System Interface)



Importance

① Improving Usability:-

- HCI will soon be everywhere, all the time" as said by Josh Bangard, a professor of CS at university of Vermont.
- HCI has become much important in recent years.
- HCI includes two important functionalities:- one it make the necessary computational functionalities available.
- Second, it provides an interaction model 4 helps to implement interfaces for high usability.

HCI Components

- HCI components of three domains: Computer Science, Human Factors Engineering (HFE) & Cognitive Science.
- CS is the study of processes that interact with data in the form of program.
- Human factors Engineering (HFE) deals with the study of how people use systems or equipment for designing, development & creating technology that is