An abstraction is the general idea rather than one relating to a particular complex software details.

For Software main properties 7 an abstraction are:

- · The concept of Linding or removing complexities
- · The concept of generalisation.
- . The conept of idea versus reality.

Do, abstruction is the purposeful suppression, or triding, of some details of a procen, in order to bring out more clearly other aspects, details or structure.

For example: a route on goodle maps will only stow the roads required to reach at destination more prominently and tides all geographical details. This map is an abstract idea of a portion of land, which can differ from map to map.

lets take the example of any bandom software. What does this software abstract? It abstracts:

- 1. Usu Interface
- 2. High level language used
- 3. Low level lenguage/mactine lenguage
- 4. Computer architecture (registers, memory etc.)
- 5. Cirwit elements (Jates etc.)
- 6. Transistors.
- 7. Soud State physics.
- 8. Quantum mechanics.