1) Difference between used-rever us keanal-lever thro 1 reunal-level thereach are (1) Usey-level threads one supposited and managed by managed without keunal Openating system. support by the oun-time System (11) The schedular handles the process better as the keyn (11) The scheduler cannot is fully quare of keyng schedule the process Phoperty at the Kernal - rever threads. is unawave of user (11) Keynal-level threads one beuel threads slumer to create. (ii) User-level threads are faster to create Ow Keynal level trueeds are (IV) Used level threads nut so efficient are more efficient (4) The context switching time (V) The context switching 4 more time es less On Kennal-level threads take (111) user revel thread full advantage of multiprice cannot take full advantage of multiproceems. Differences between phocess and thread: Thuead (11) Travead means a segment & PHOCESS (f) Polocess means any buogram cet a puvces s. in execution (i) The thoread fakes less (2) The phocess takes more time to terminate times to terminate. (191) It takes less time to It takes more time Bos creation. Creation.

- (4) It also takes more time for (5) It takes less time for context switching
- (5) The phocess is isolated (5) The Threads short memory
- ony data with each other. Other.

andahlis law

Amdani's raw is a formula that shows the theoretical maximum speed up for a program when mult be processed of cores eve added to a system. If was named after computer exchitect crehe Ambani.

Speed up = 1/[(1-P) + (PIn)]

P is the percentage of the program that can be basanches

n is the number of processor corres