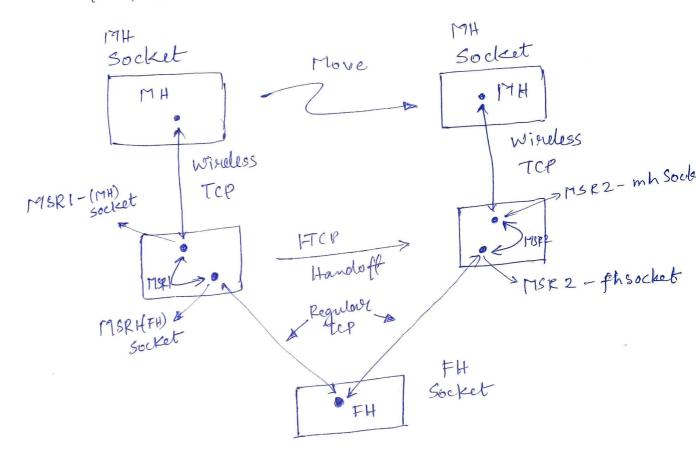
- Q.) Write notes on
 - (i) Indiruct TCP
 - (ii) Mobile TCP

Ans surs

- i) In direct TCP (I-TCP)
 - It is one of the many mechanisms the we use to improve Classical TCP
 - ~ 1-TCP is a transfort layer protocol for mobile host which is based on the indirect protocol model
 - This fully compatible with the TCP/IIP on the fixed network and is build arough the following simple concepts
 - 1. A transport layer connection between a Mobilhost and a fixed host is established as two seperale connection
 - a one over witheless medium & another over find network with the word M3R being the center point.

- 2. If the mobile host switchs cells during the life fine of an I-Ter connerion, the centre point of the connerion move who the new M312 (mobile support queter)
- 3. The FH is completly un aware of the indiruction and is not affected even when the mobile host (MH) switches cells.



MH = Mobile Hosb

FH = Fixed Host

MSR = Mobile Support

Rowar

I-TCP connection Setup.

(22) Mobile TCP (M-TCP)

- ~ M-TCP is extended transmission layer protocol which supposes transmission (agus mobility over traditional IP layer
- ~ MTCP tries to improve over all throughput, to lower the delay to maintain end-to end sematics of TCP, and to provid a more efficient handover.
- ~ Additionally MTCP is especially adopted to the problems arising from buffing or frequency disconnations.
- ~ The M-TCP approach assums a elatisely low bit error rate on the windless link.
- à Therfore it does not perform cacheir or retrans mission.
- ~ But since MCP lacek buffers it also faces some deposits one of which is not so correct assuption of there low bit error.