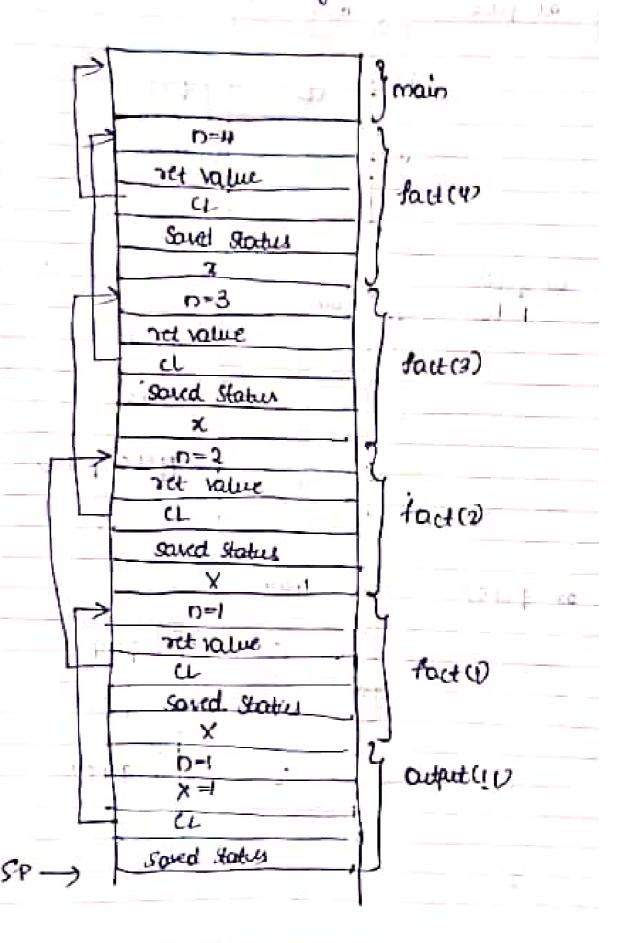
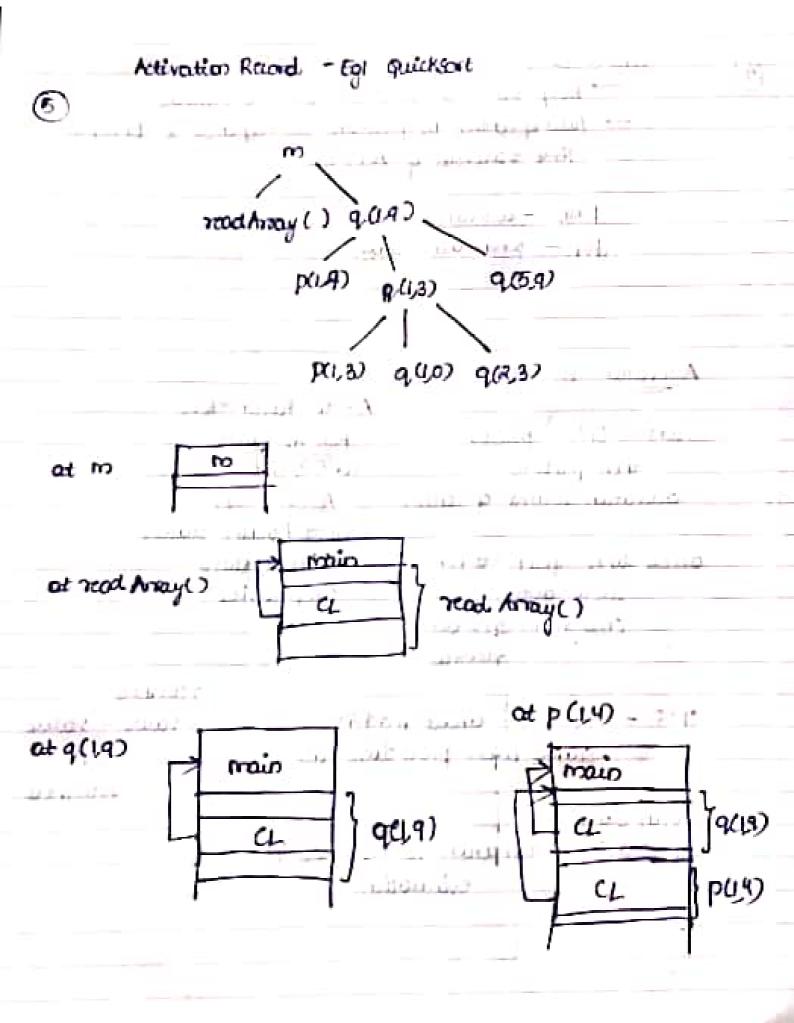
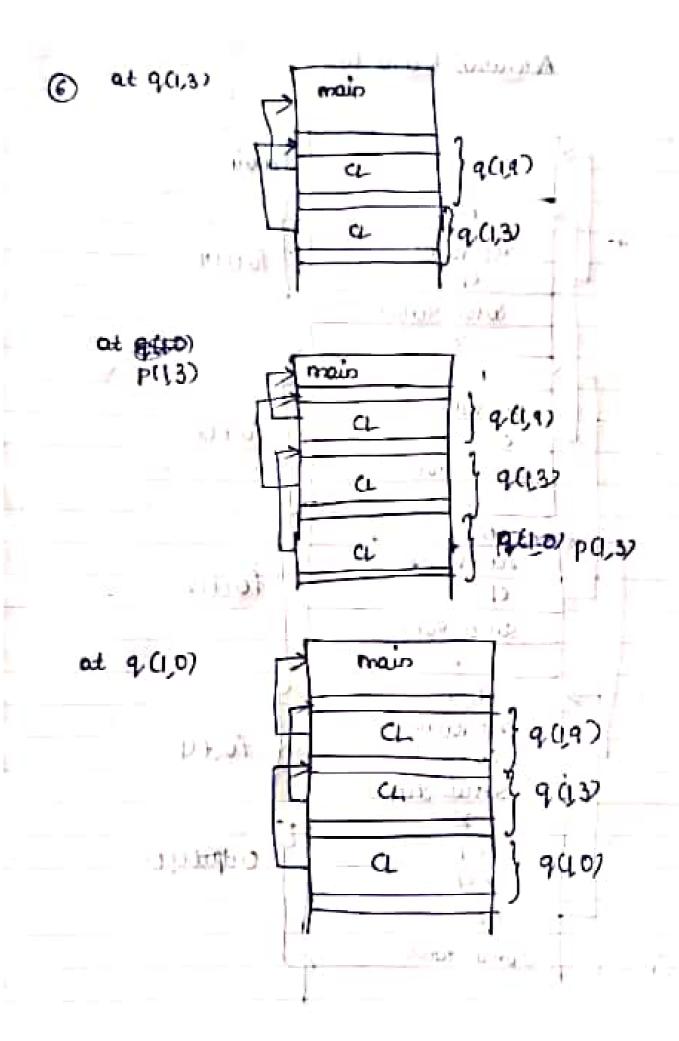
Activation Record Eg 2







(4)

Cantal Stack

→ Keep back of live practiture activation

I tau of contact in pragram converponds to DF depth

first traversal of Act. tree

BLEL

pop - when act. code

Activation record 12 21 12 4 14

activation record of called

constructions to non-

Actual Parameters
Return value
Control link
Access Link
Soved Moltine States
Lead data
Temporantes

SMS - Indes into about machine status before procedure call

returned

value - value

to be

returned

temporaries - temporary values used in evaluation.

Activation maio tice Fat(4) Fat (4) autput (4,24) Fat (3) Output (1) mais

Storage organisation

Procedure

aucciates an identifier with a Statement

Activation tree

Root - moden .!

Aunctions are children

Subdivision of Run time memory

compile time - Cade - memory lacations for code

Runtime - Sack

Borrdene

Free Merrory

Rustime Heap - ex. malloc

NO.

enter main()

enter mod Array ()

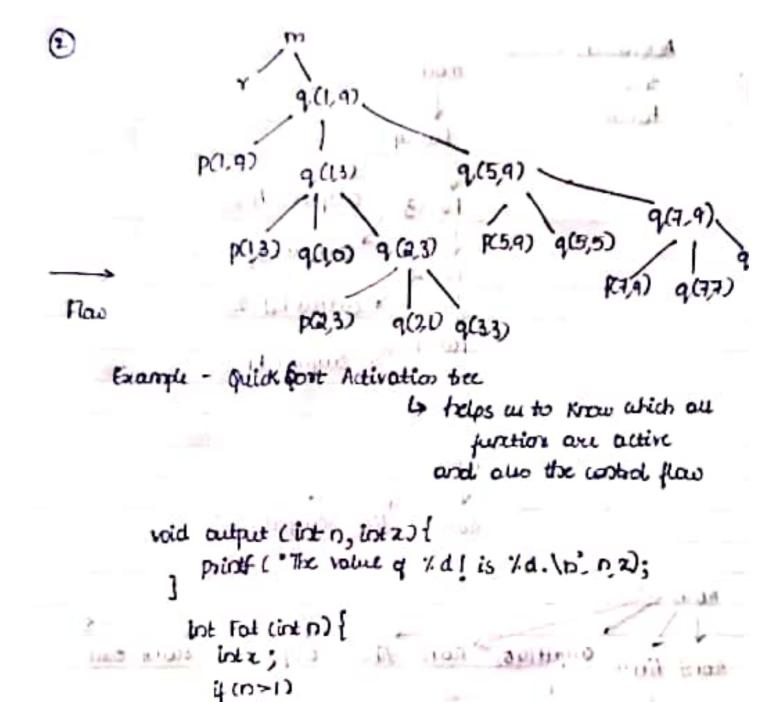
Lieve read Among ()

enter asort (1,4)

enter part (1,97

leave part (19)

have goot (19)



n = n * Fat (n-0 .

2=1;

Output (1), 2);

void main ()}

Fat (4);