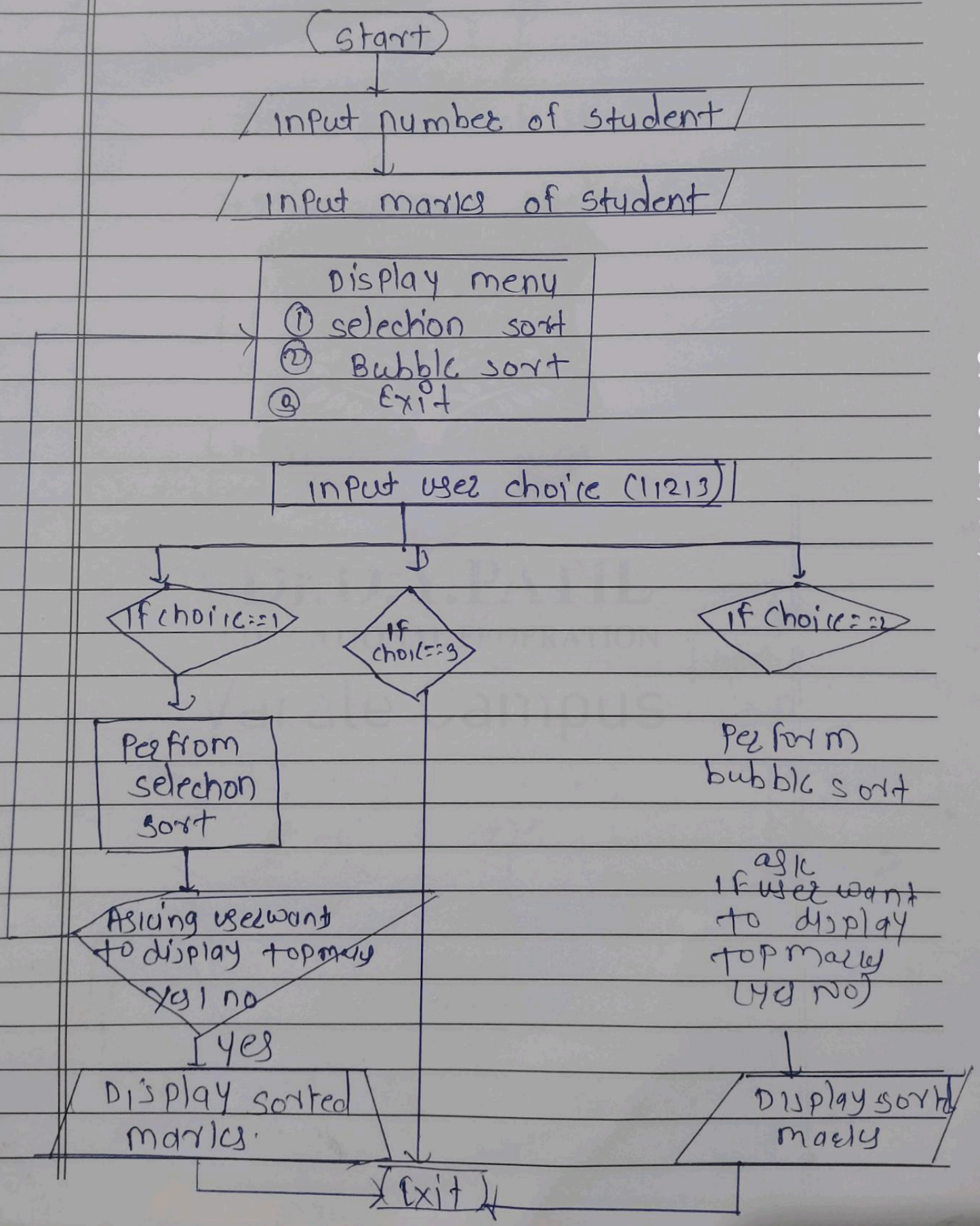


flow chart



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Flowchart

(Start)

Input number of student

Input marks of student

Display 4 menu:
1. Insertion sort
2. shell sort

Decision: User choice

If choice == 1

Perform Insertion
sort

display the top
five score yes/no

display
sorted list

If choice == 2

Perform shell
sort

display the top
five score
yes/no

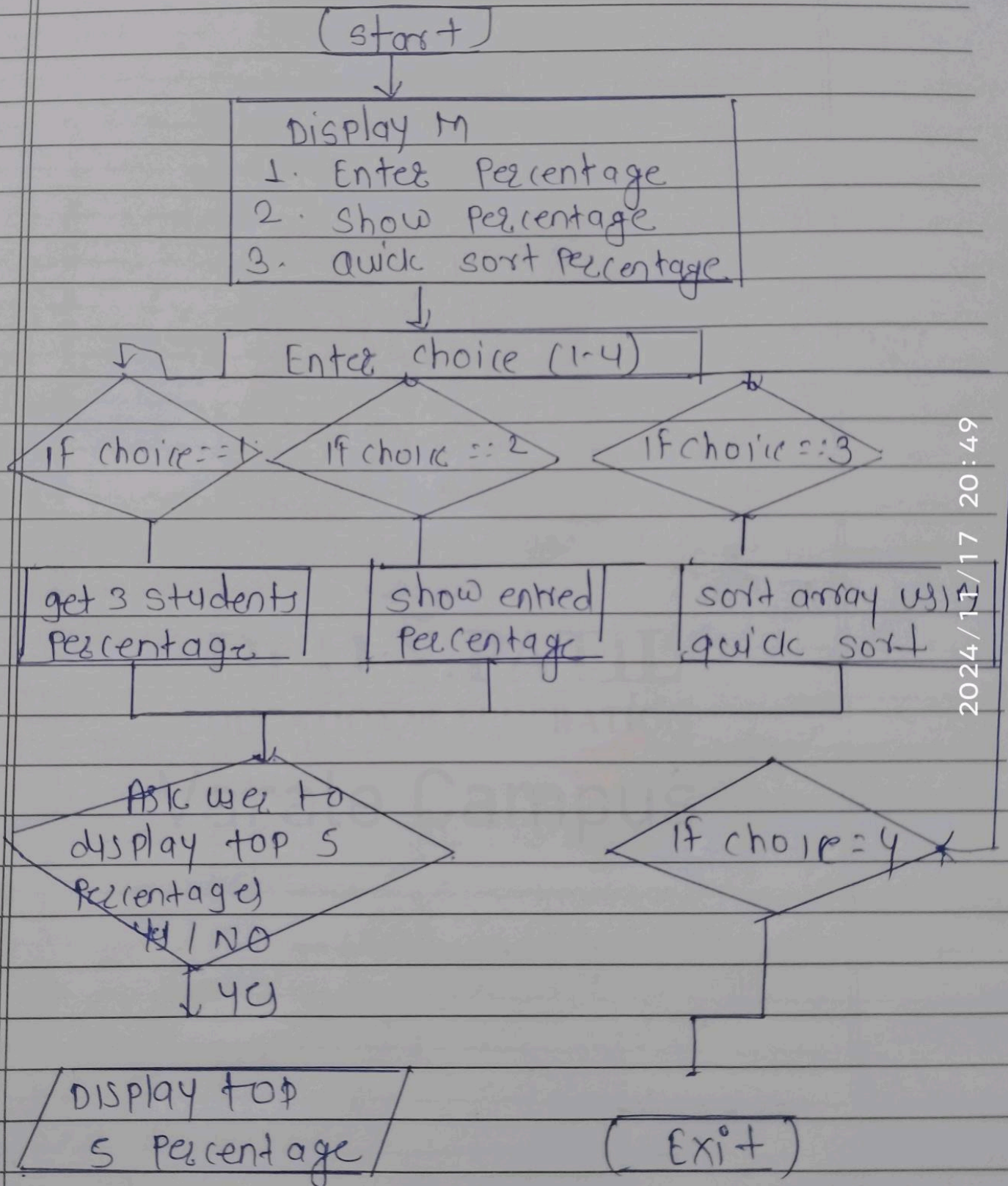
display sorted
list

Invalid
choice

(Exit)

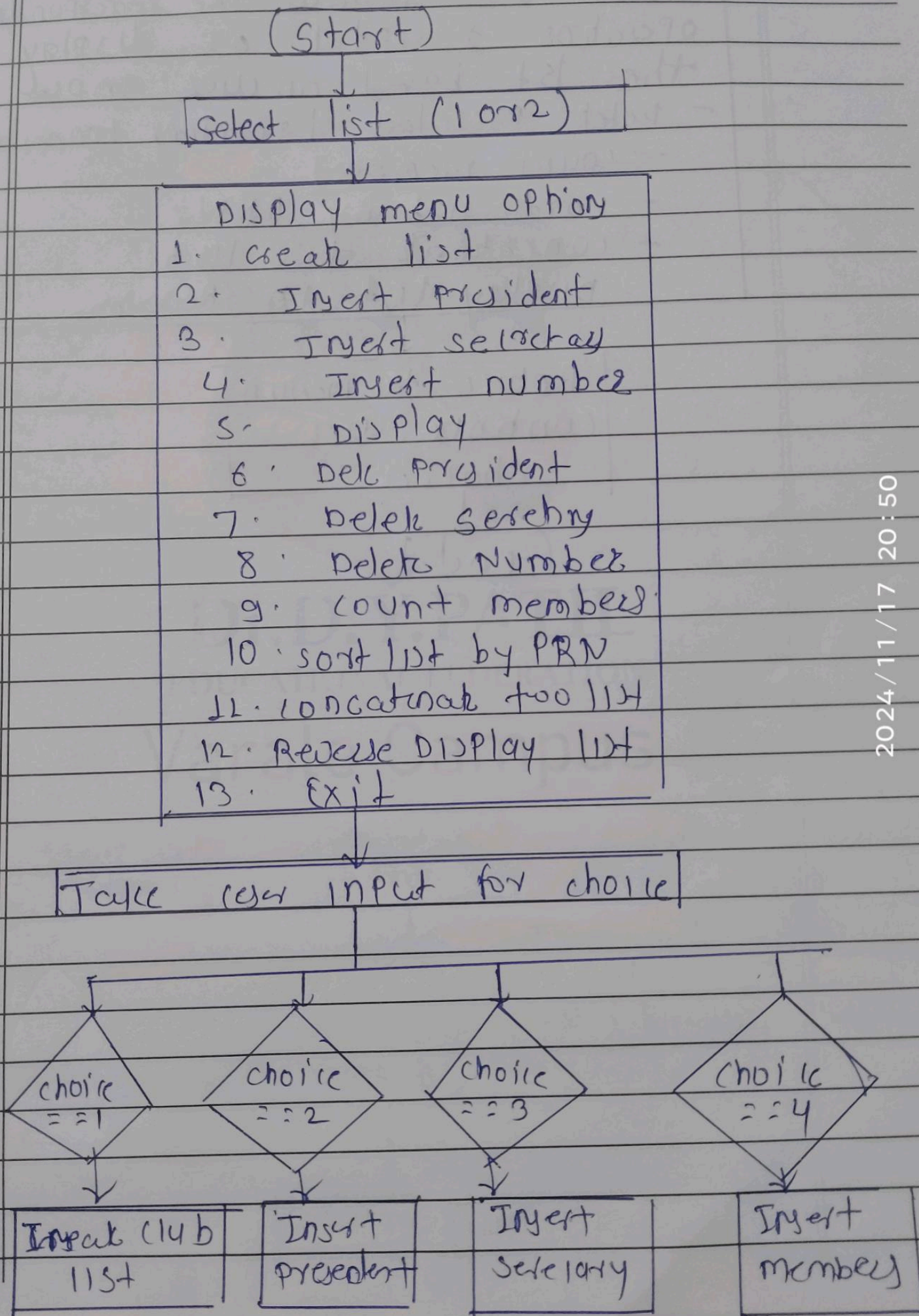
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flowchart :



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Flowchart:-





Page No.			
Date			



choice) S-12 follow the corresponding operation → update or display the list based on user input

- delete president / secretary / member
- count member
- sort list by PRN
- concatenate two lists

Display list in Reverse

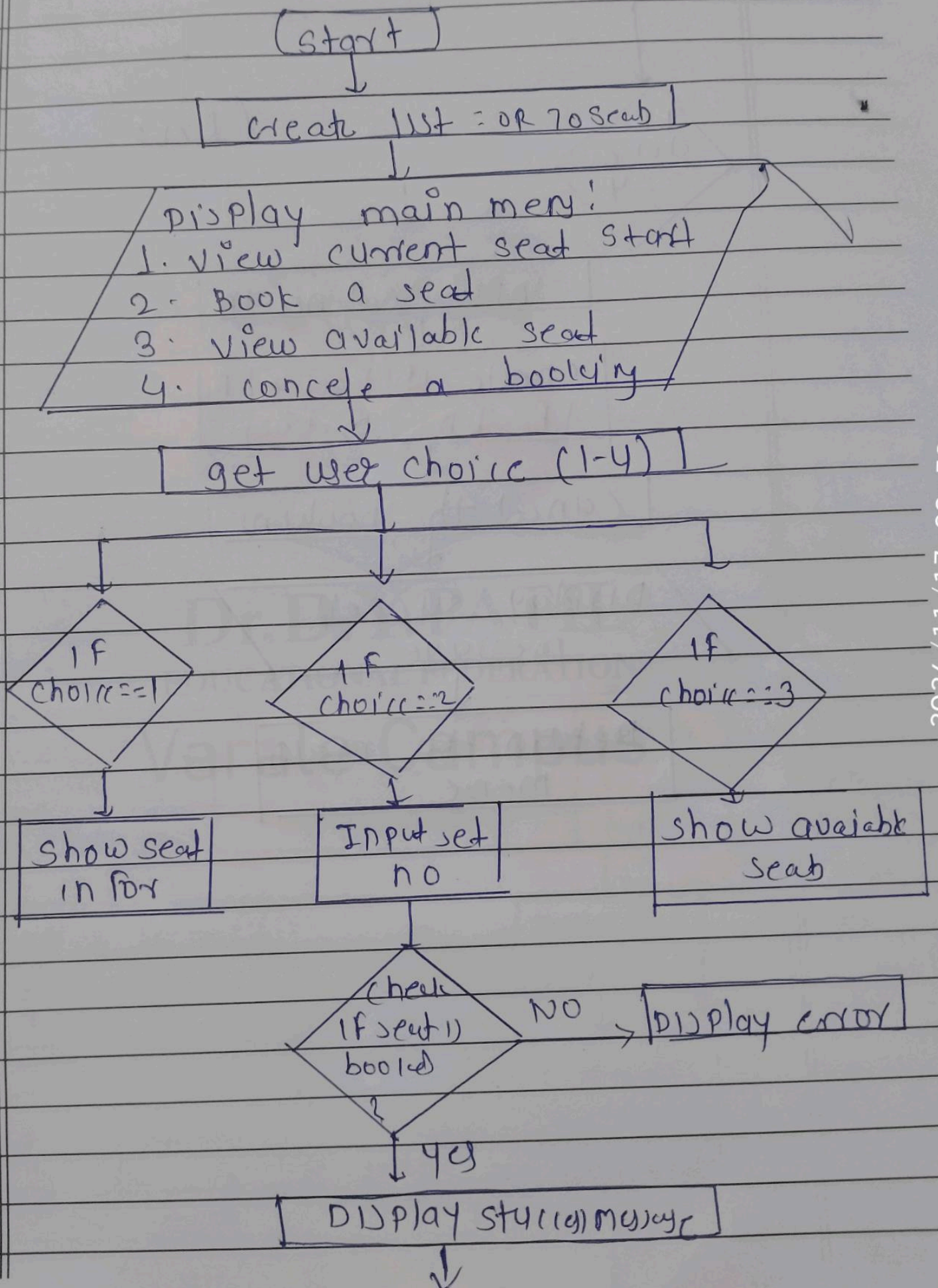


Return to menu
continue user
choice)



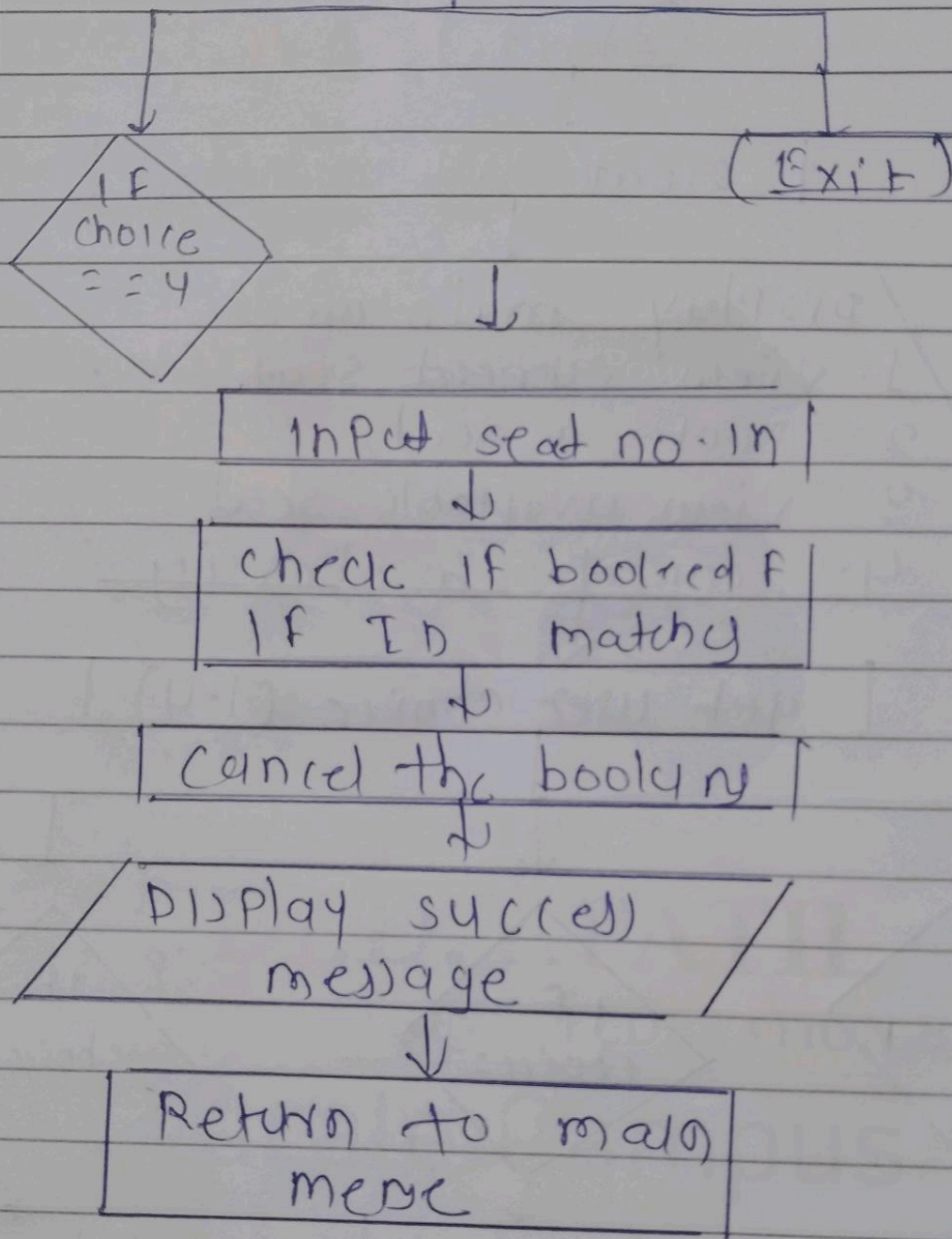
(End)

Flowchart:



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Return main mense



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start

display Main menu
1. create schedule
2. display schedule
3. Book appointment
4. cancel appointment
5. Exit

User choice

IF
choice == 1
create

Enter time of
number of
slot

create linked
list with
node for job

IF
choice == 2
display

display all
appointment
status

IF
ch == 3
Book

display
schedule slot
first

Enter slot
no

check validity
already booked

Book appointment
(status = true)

IF
ch == 4
cancel

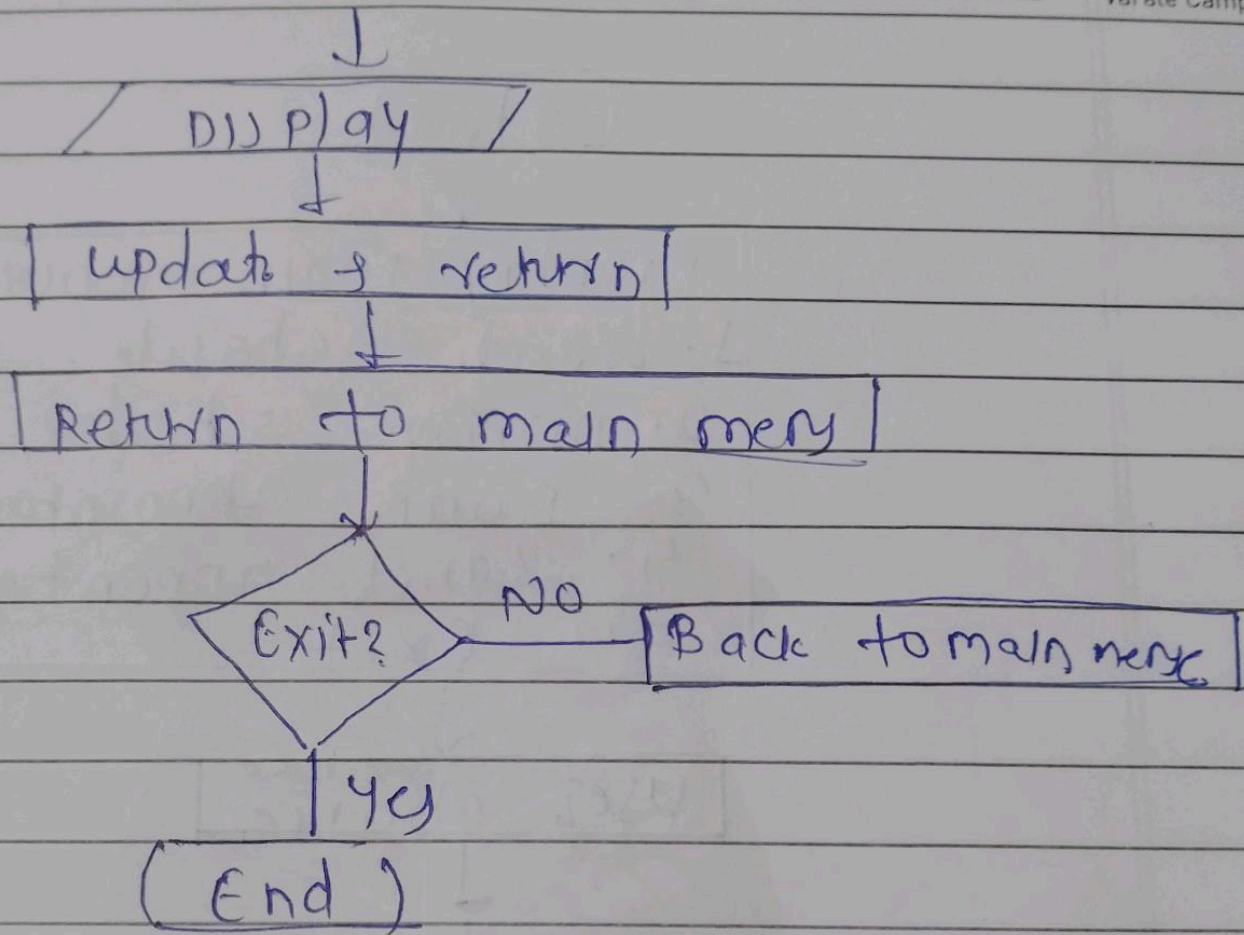
display
schedule
slot first

Enter slot
NO

check validity
already free

cancel (status =
free)

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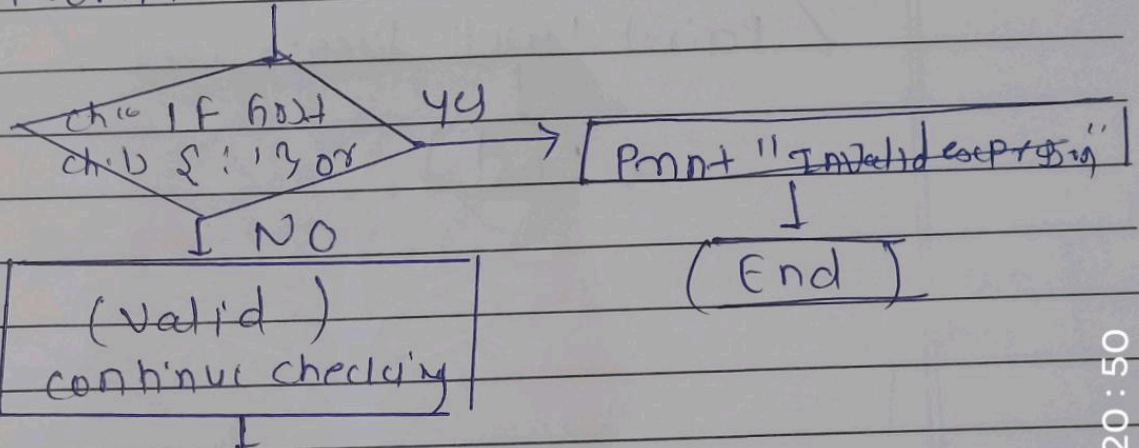


Flowchart :-

(start)

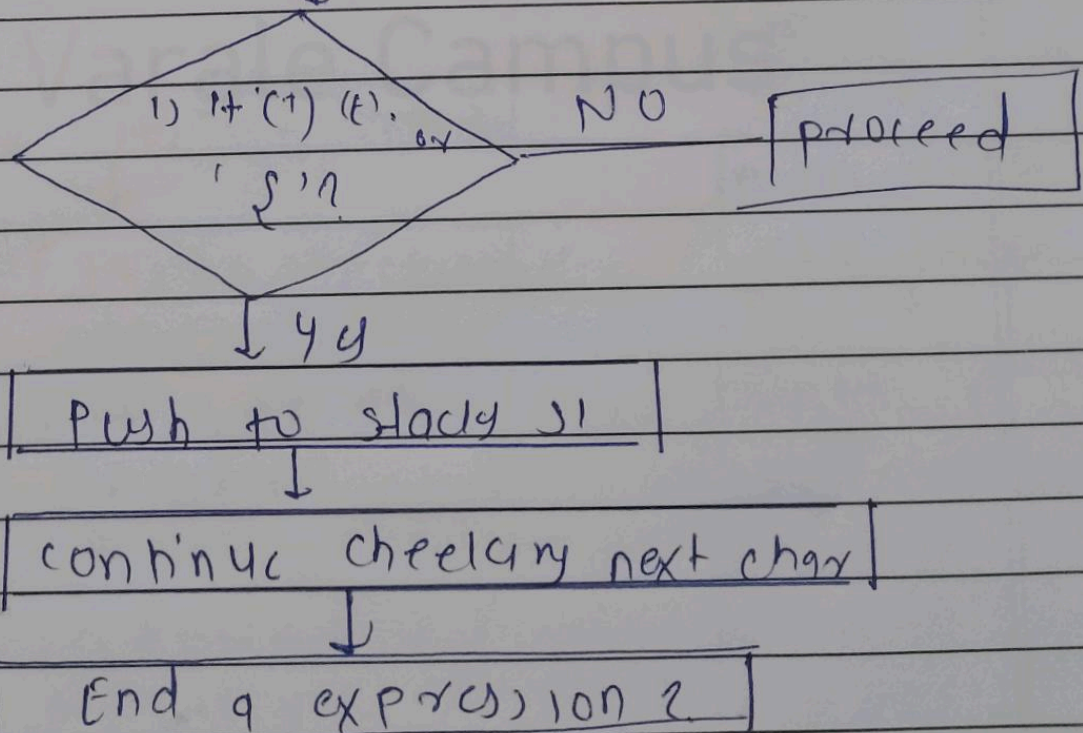
Initialize stack (SI)

Prompt user to enter the expression

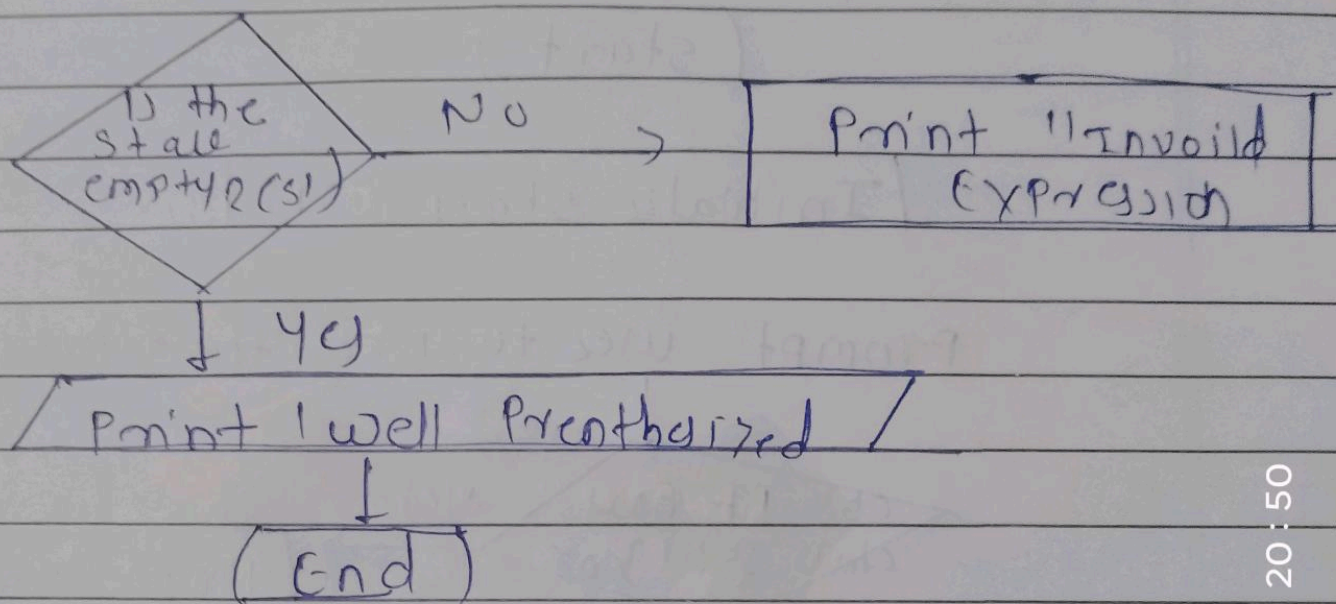


Initialize loop to check each char in the expression

Check current char (ch)



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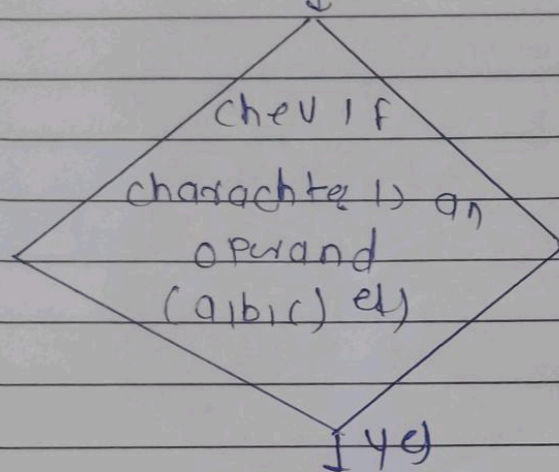


Flowchart

start

Initialize postfix array

loop through postfix array



Yes

If is an operator

pop two values from the stack

evaluate two operands

push result back to stack

continue if until end of postfix

check if final value is on top

prompt user to input value

push value on to the stack

continue with next character

End of postfix expression

final result is on the top of stack

Print final evaluated results from stack

(End)

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Flowchart:- (Start)

Initialize queue

Display menu
① Insert Job
② Delete Job
③ Display queue
④ Exit

Get user choice

if
choice == 1

yes

check if queue full?

if
choice == 2

yes

check if queue is empty?

if
choice == 3

yes

check if queue is empty?

if
choice == 4

yes

Exit Program

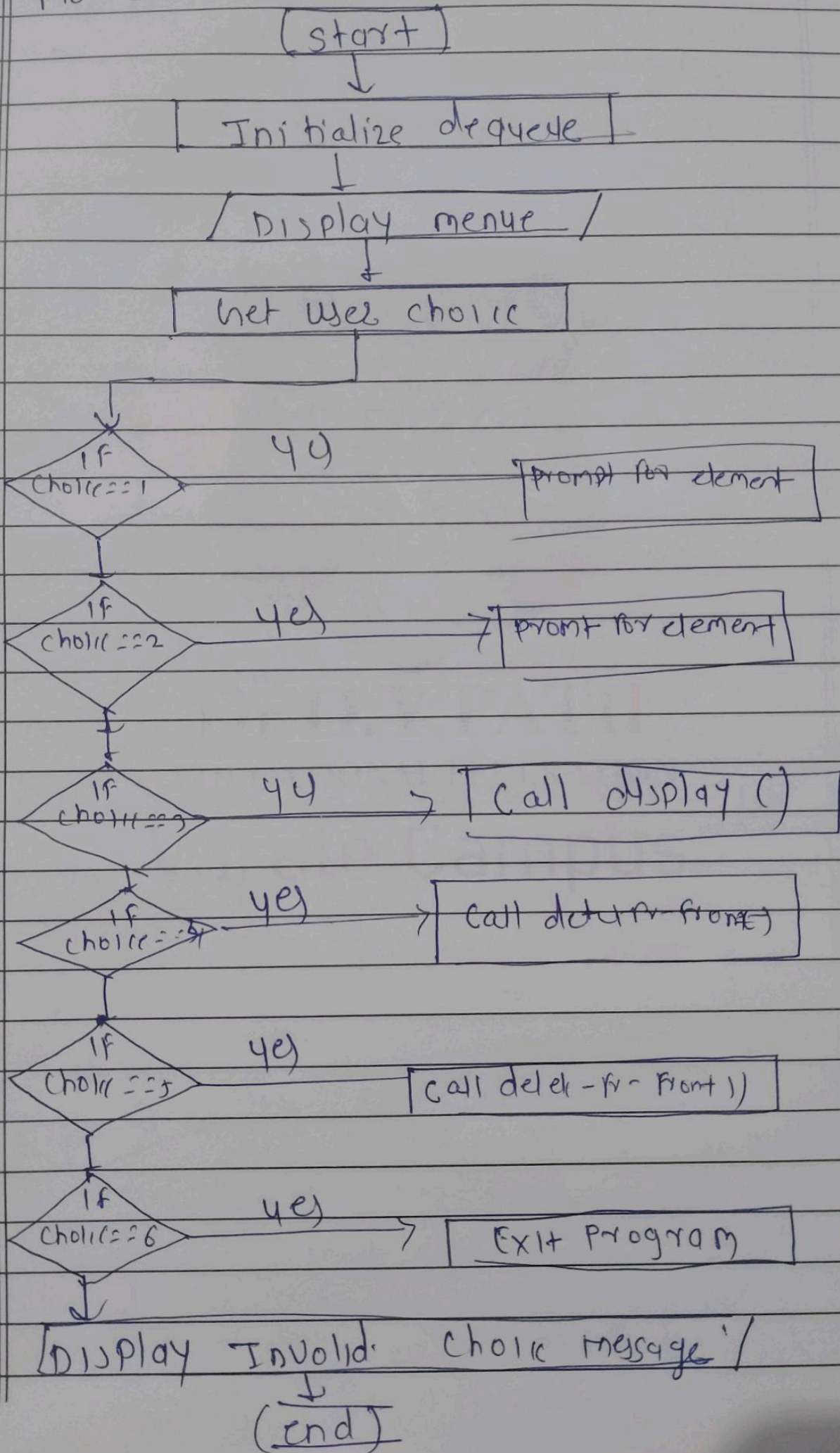
Display Error message if full / empty

Return to display menu

(End)

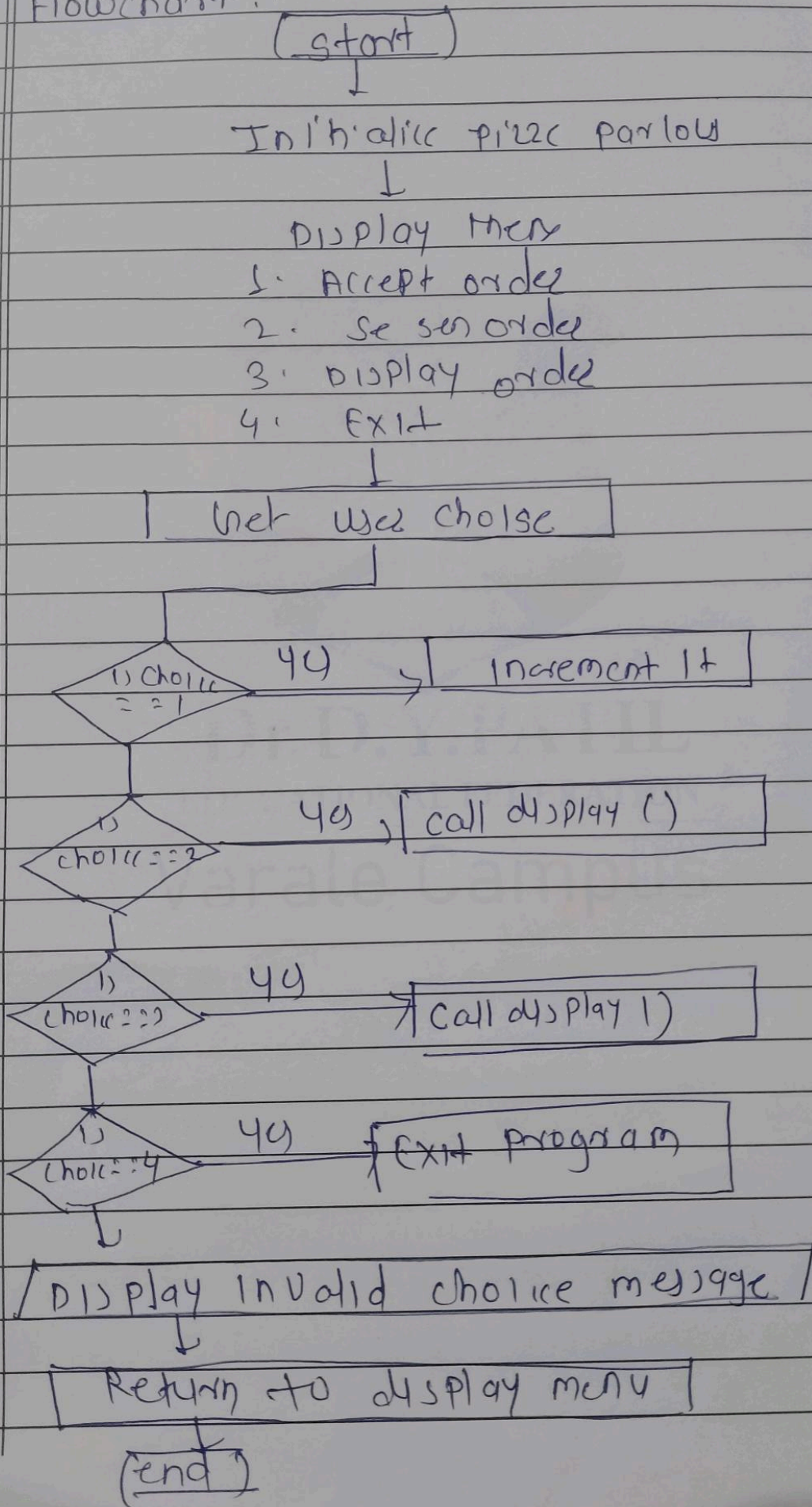
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Flowchart:-



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Flowchart:



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