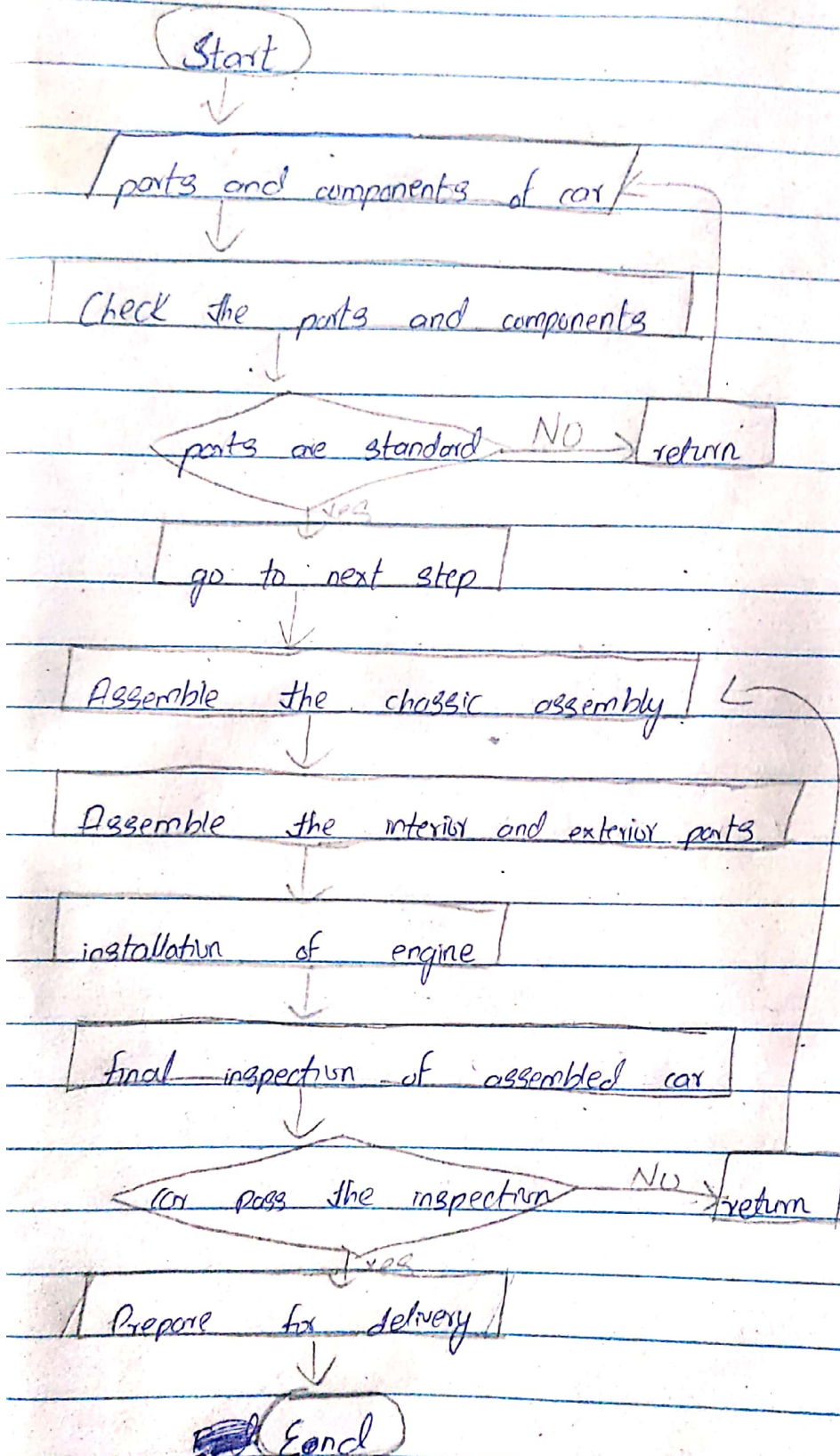


Hanzalah

24K-3066

Q flowchart.



Pseudo Code

Q1) ① Start

- ② Input three variable x, y, z
- ③ if $x > y$ and $x > z$ Then
 print x is maximum
- ④ # else if $y > x$ and $y > z$ Then
 print y is maximum
- ⑤ else print z is maximum.
- ⑥ End.

Q2) ① Start

- ② Input three variables A, B, C
- ③ SET sum to 0
- ④ SET $\text{sum} = A - (-B) - (-C)$
- ⑤ print sum
- ⑥ End

Q3) ① Start

- ② Input three variables A, B, C
- ③ SET $+$ = 0
- ④ SET $-$ = 0
- ⑤ Input Print "choose an operation:"
- ⑥ if operation == 1 Then
 result = $A + B + C$
 print
- ⑦ Else if operation == 2 Then

result =
print A+B-C

⑧ Else if operation == 3 Then

result =
print A-B-C

⑨ Else if operation == 4 Then

result =
print A-B+C

⑩ Else

print "Invalid operation choice"

⑪ print "The result is:" + result

⑫ END

Algorithm

Q1) ① Ask the user to enter N

② Ask the user to enter n

③ if (Set $N \% n == 0$) Then

print N is divisor of n

④ if (Set $N \% 2 == 0$) Then

print "it is an even number"

⑤ Else

print "it is an odd number"

Q2) ~~n=1 Jan is displayed~~

~~n=2 Feb is displayed~~

~~n=3 March is displayed~~

~~n=4 April is displayed~~

~~?~~

~~n=12~~ December is displayed

Q2) ① Ask the user to enter a number = n

- ② if $n=1$, display January
- ③ else if $n=2$, display February
- ④ else if $n=3$, display March
- ⑤ else if $n=4$, display April
- ⑥ else if $n=5$, display May
- ⑦ else if $n=6$, display June
- ⑧ else if $n=7$, display July
- ⑨ else if $n=8$, display August
- ⑩ else if $n=9$, display September
- ⑪ else if $n=10$, display October
- ⑫ else if $n=11$, display November
- ⑬ else if $n=12$, display December
- ⑭ else display Invalid.

Q3) ① Ask to user to enter two numbers (A, B)

② Display a menu of operations

1 = addition (+)

2 = subtraction (-)

3 = multiplication (*)

4 = division (/)

5 = modulus (%)

③ if the user selects 1.

result = " $A+B$ "

④ Else if the user selects 2:

result $"A - B"$

⑤ Else if the user selects 3:

result $"A * B"$

⑥ Else if the user selects 4:

if B is not zero

result $"A / B"$

else

result error

⑦ Else if the user selects 5:

if ~~the~~ use B is not zero

result $"A \% B"$

else

result "error"

⑧ Else

display an error message

result to "error"