```
                    ( Start )
                        |
                        v
       / Input Paint, Exterior Parts, /
      / Interior Parts, Frame        /
                        |
                        v
       [ Paint the Frame ]
                        |
                        v
       [ Fit the engine ]
                        |
                        v
           < is engine          > --No--->
           < fitted correctly?  >
                        |
                       Yes
                        v
       [ Install Body Parts ] --------->
                        |
                        v
           < are body parts    > --No--->
           < installed correctly? >
                        |
                       Yes
                        v
       [ Install Interior Parts ] ----->
                        |
                        v
           < are interior       > --No--->
           < parts installed correctly? >
                        |
                       Yes
                        v
       [ Paint the car according to input paint ] --->
                        |
                        v
           < is car painted    > --No--->
           < correctly?        >
                        |
                       Yes
                        v
       [ Final Testing ]
                        |
                        v
           < Does              > --No--> [ Check every
           < car pass Final    >          part again ]
           < test?             >
                        |
                       Yes
                        v
       / Deliver the car /
                        |
                        v
                    ( End )
```

Psuedocode problem #1

Start

result1 = 0
result2 = 0
largest = 0

INPUT Num1
INPUT Num2
INPUT Num3

if Num1 >= Num2
    then result1 = Num1
else
    result1 = Num2
endif

if Num2 >= Num3
    then result2 = Num2
else
    result2 = Num3
endif

if result1 >= result2
    then largest = result1
else largest = result2
endif

Print largest

Psuedocode problem #2

Start

INPUT Num1
INPUT Num2
INPUT Num3

temp1 = 0
temp2 = 0
total = 0

temp1 = 0 - Num2
temp2 = 0 - Num 3
total = Num1 - temp1 - temp2

Print total

Psuedocode problem #3

Start

INPUT Num1
INPUT Num2
INPUT operator

ans = 0

if operator = '+'
     then ans = Num1 + Num2
elseif operator = '-'
     then ans = Num1 - Num2
endif

Print ans

Algorithm problem #1

1. Set flag to false

2. ask the user to enter number

3. ask the user to enter divisor

4. set ans to MOD(number/divisor)   // MOD(number,divisor) is function which returns remainder

5. if ans is 0 so set flag to true

6. if flag is true display " number is divided successfully "

7. else display "number cannot be divided"

8. set result to (number/divisor)

9. set evenorodd to MOD(result,2)   // MOD(number,divisor) is function which returns remainder

10. if evenorodd equals to 0 so display "result is even"

11. else display "result is odd"

Algorithm problem #2

1. ask the user to enter monthnumber

2. if monthnumber equals to 1 display January

3. if monthnumber equals to 2 display February

4. if monthnumber equals to 3 display March

5. if monthnumber equals to 4 display April

6. if monthnumber equals to 5 display May

7. if monthnumber equals to 6 display June

8. if monthnumber equals to 7 display July

9. if monthnumber equals to 8 display August

10. if monthnumber equals to 9 display September

11. if monthnumber equals to 10 display October

12. if monthnumber equals to 11 display November

13. if monthnumber equals to 12 display December

Algorithm problem #3

1. ask the user to enter usernum1, usernum2, operator

2. if operator equals to '+' set answer to usernum1 + usernum2

3. else if operator equals to '-' set answer to usernum1 - usernum2

4. else if operator equals to '*' set answer to usernum1 * usernum2

5. else if operator equals to '/' set answer to usernum1 / usernum2

6. output answer to user