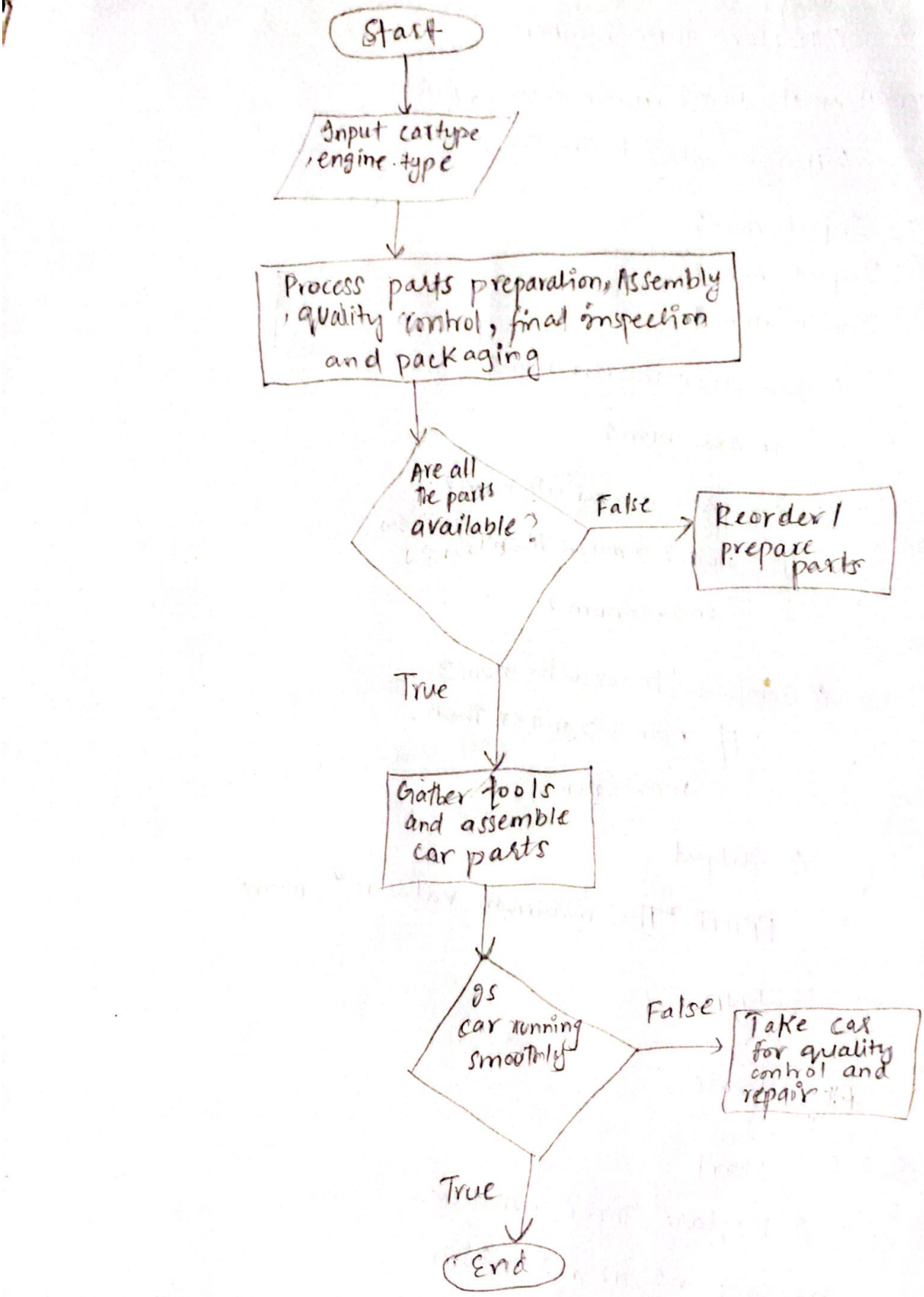
Start
Input cartype, engine type
Process parts preparation, Assembly, quality control, final inspection and packaging
Are all the parts available?
False
Reorder / prepare parts
True
Gather tools and assemble car parts
Is car running smoothly
False
Take car for quality control and repair
True
End

Pseudocode

Q1

```
Start
// Declare three numbers
Declare num1, num2, num3, maxx
// Assign values to the variable
Input num1
Input num2
Input num3
// Initialize maxx to num1
    maxx= num1
// Compare maxx with num2.
  IF  num2 > maxx Then
      maxx= num2
// Compare maxx with num3.
    If num3 > maxx Then.
       maxx= num3
// Output
  PRINT "The maximum value is ", maxx
  END
```

pseudcode

Q2.

```
Start
// Declare Three numbers
Declare n1, n2, n3 , sum
// Assign values to the variable
Input n2
Input n2
Input n3
// sum
Sum = n1 - (-n2) - (-n3)
```

// Output

PRINT sum

END

Pseudocode

Q3 Start

// Declare two numbers. and variables

Declare n1, n2

Declare operator

Declare result

// Assign value to the variable

Input n1

Input n2

Input operator (+ or -)

// Perform operation based on the operator

IF operator is '+' then

result = n1 + n2

ELSE IF operator is '-' then

result = n1 - n2

ELSE

PRINT "Invalid operator"

result = error

// Output

PRINT "The result is ", result

END

Algorithm

1. Start
2. Input values
   - Ask the user to enter the value of n
   - Ask the user to enter the value of m
3. Check divisibility
   - Calculate the remainder when n is divided by m by using modulo operator

     remainder = n % m
   - If remainder equals zero, then n is a divisor of m
   - otherwise, n is not a divisor of m
4. Determine even or odd
   - Calculate the remainder when n is divided by 2 using modulo operator.

     remainder = n % 2.
   - If remainder is equal to zero, n is even number
   - otherwise, n is odd number.
5. Display result
   - If n is divisor of m
     - Print "n is divisor of m"
     - Print "n is even number" If n is even
     - Print "n is odd number" If n is odd
   - If n not a divisor of m

     Print "n is not a divisor of m"
6. End

Algorithm

Q2 1. Start

2. Input number
   - Ask user to give a number as a month

3 Set month
   1 to January
   2 to February
   3 to March
   4 to April
   5 to May
   6 to June
   7 to July
   8 to August
   9 to September
   10 to October
   11 to November
   12 to December

4. Compare the number given by user with the set month.

5. Handle invalid input.

6. Display the ~~result~~ month

7. End

Algorithm

Q3 1. Start

2. Input value.
   - Ask user to enter two numbers and operand such as +, -, *, /, %.

3. Perform operation. that is required

- If operator is '+', calculate sum of two numbers.

  result = num1 + num2

- If operator is '-', calculate difference of two numbers.

  result = num1 - num2

- If operator is '*', calculate product of two numbers

  result = num1 * num2

- If operator is '/', calculate division of two numbers

  result = num1 / num2.

4. Handle invalid input
5. Display result
6. End