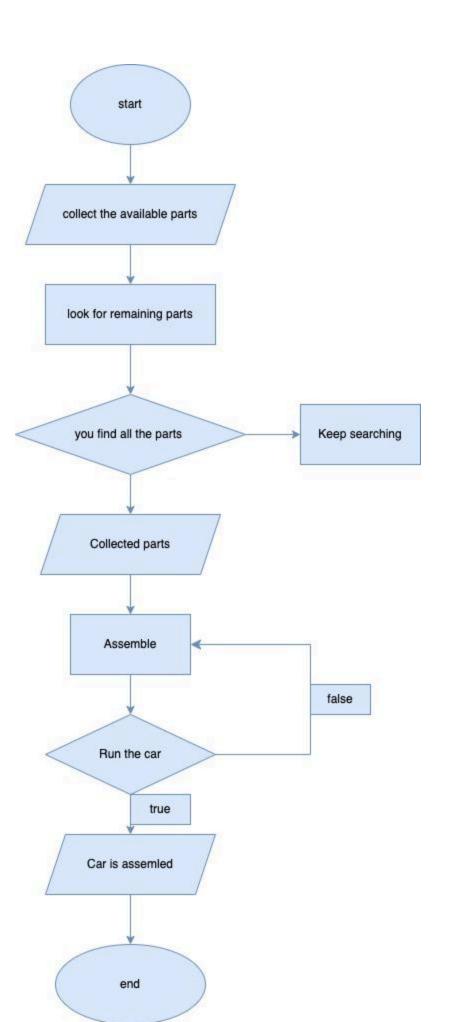
PROGRAMMING FUNDAMENTALS LAB TASK # 2 FLOW CHART



PSEUDOCODE

Find the maximum number in any of the three variables.

```
START
INPUT n1
INPUT n2
INPUT n3

if n1 > n2 and n1 > n3
    print("n1 is the greater number")
else if n2 > n1 and n2 > n3
    print("n2 is the greater number")
else
    print("n3 is the greater number")
END
```

Take three variables as input and add them without using the + operator (Use your head for this)

```
START
input n1
input n2
input n3

sum= (n1) - (-n2) -(-n3)
print(sum)
```

Create a small calculator that only does '+' or '-'Operations. (Hint: Take three variable inputs with one being used for the operator)

```
START
INPUT n1
INPUT n2
INPUT operand '+' or '-'
SET sum = 0
SET difference = 0

if operand == '+'
```

```
sum = n1 + n2
print(sum)
else if operand == '-'
difference = n1 - n2
print(difference)
```

Else Print False

END

ALGORITHM

Implement an algorithm for determining if an Nth is a divisor of an n Number (i.e. 2 is a divisor of 6). If so, determine if it's an even number or odd number as well.

```
Ask user to enter Nth
Ask user to enter n number
SET solution to 0

If Nth is not equals to 0 SET solution = n / Nth

If solution is an integer and greater than 0
Then check if solution/ 2 is an integer
If yes than Print "Nth is the divisor of n and it is an even number"

Else sol/2 is a float then Print "Nth is the divisor of n but it is an odd number"
```

Implement an algorithm where the user enters a number, and an appropriate month is displayed.

```
SET

1 = "Jan"

2 = "Feb"

3 = "Mar"

4 = "Apr"

5 = "May"

6 = "Jun"

7 = "Jul"

8 = "Aug"

9 = "Sep"

10 = "Oct"

11 = "Nov"

12 = "Dec"
```

Ask user to enter a number between 1 - 12 = n

```
if number == n
  print(value of n)
```

Implement an algorithm for making a simple calculator with all the operators (+,-,*,/,%)

```
Ask user to enter a number n2
Ask user to enter an operator.

If operator == '+' print (n1 + n2)
Else if operator == '-' print (n1 - n2)
Else if operator == '* ' print(n1 * n2)
Else if operator == '/' print (n1 / n2)
Else print (n1 % n2)
Exit
```

Ask user to enter a number n1