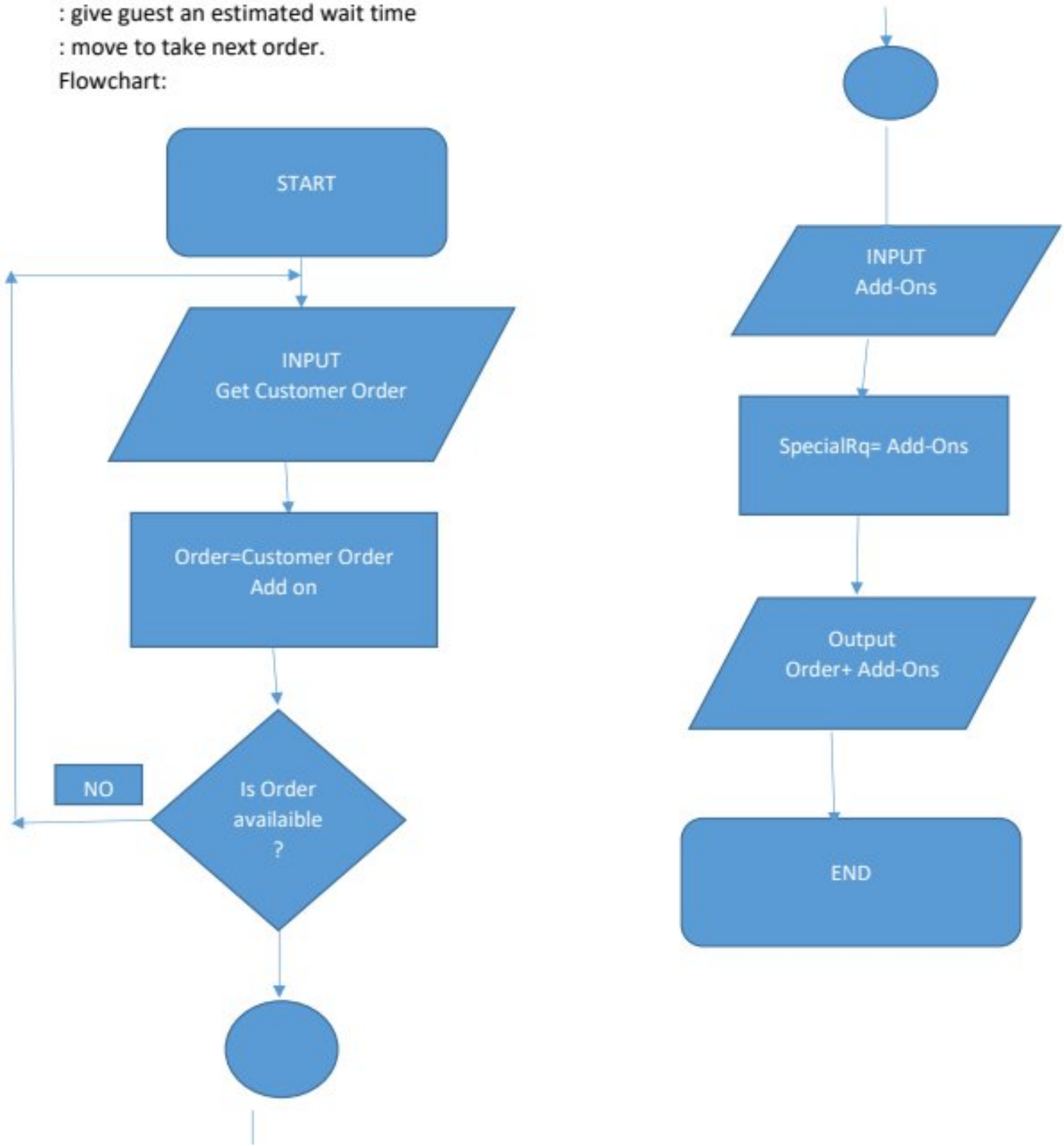
TASK # 01

Algorithim:

: Provide Guest with the menu
: Ask the guest for their choice
: Check if the menu item is availaible
: Note down Guest's choice
: Forward Guest's choice to the kitchen
: Ask guest for any Add on
: IF guest requests for an add on, add to the total
:ELSE do not add to total
: give guest an estimated wait time
: move to take next order.

Flowchart:



Pseudocode:

Input item
Input CUSTOMER_ORDER
Input SPECIAL_REQUEST
Set Order=0
Set Add-On=0
Set Order= CUSTOMER_ORDER
Set Add-Ons= SPECIAL_REQUEST
IF item is Menu Item
  Add item price to Total
IF customer request Add-Ons
  Add Add-Ons to Total
Set Total= Order+ Add-Ons

Confirm Order with Customer
 IF Order is correct
    PRINT Total
 Else
  Re-process Order

END

TASK#02

Algorithm
1- Input amount deposit
2- Ask for Account details
3- Check If the Account is active
4- Check deposit amount
5- Check if deposit amount is greater than 0
6- Display error if deposit amount is 0
7- If deposit amount greater than 0, Perform Deposit Transaction
8- Display Summary

Pseudocode:
Input AccountNumber
Input DepositAmt
CHECK IF AccountNumber is valid
  IF not valid
     DISPLAY “Invalid Account Number”
    END

```
Check IF depositAmt>0
 IF NOT
   DISPLAY " Enter Amount Greater than 0"
 END
ADD DepositAmt
  DISPLAY " Deposit Successful"
END
```

TASK # 03

Algorithim :

1- Input Num1, Num2, Num3
2- Compare Num1 and Num2
3- If Num1> Num2, Num1 is largest
Else Num2 Is largest
3- Compare largest with Num3
IF Num3> largest, Num3 is largest
 ELSE largest is largest
4- Display largest

Pseudocode:

```
INPUT Num1
INPUT Num2
INPUT Num3
 IF NUM1>NUM2
   Largest= Num1
ElSE Largest = Num2
 IF Largest> Num3
NewLargest= Largest
 ELSE NewLargest=Num3
END
```

TASK#04

1- Input 1,2,3,4,5,6,7,8,9,10,11,12
2- 1=Jan
3- 2=Feb
4- 3=Mar
5- 4=Apr
6- 5=May
7- 6= June
8- 7=July
9- 8=Aug
10- 9=Sept
11- 10=Oct
12- 11=Nov
13- 12=Dec
14- IF user enters a Integar
15- Output the appropriate Month

TASK # 05

Input Num1
Num1= Variable
Num2= Variable
If moderator = +
  Num1+Num2
If Moderator= -
Num1-Num2

TASK #07

1- input Num1 and Num2
2- make sure Num1 and Num2 are Whole Numbers
3- IF user asks to "+", Sum Num1 and Num2

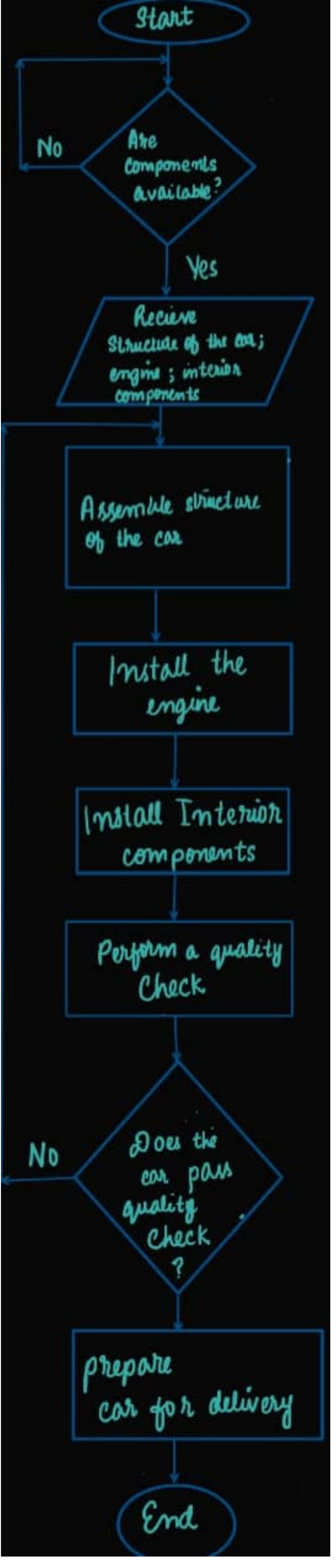
4- IF user asks to "-", Subtract Num1 and Num2

5- If user asks to "/", divide Num1 and Num2, numerator is number entered first and denominator is number entered second

6- If User asks to "*". Multiply Num1 and Num1
7- Take User's command and execute the function demanded by the User

TASK #10

Algorithm: Step By Step procedure to Solve a Problem
Descriptive and Step by Step
Pseudocode: Focuses on logic to solve problem
Easy to read and understand but noit executable by the computer



TASK # 09
Why we use .gitignore?
We use .gitignore to prevent unnecessary files from bin tracked by git, which helps keeping our project tidy and organized.It also ensures password or any sensitive information do not get shared