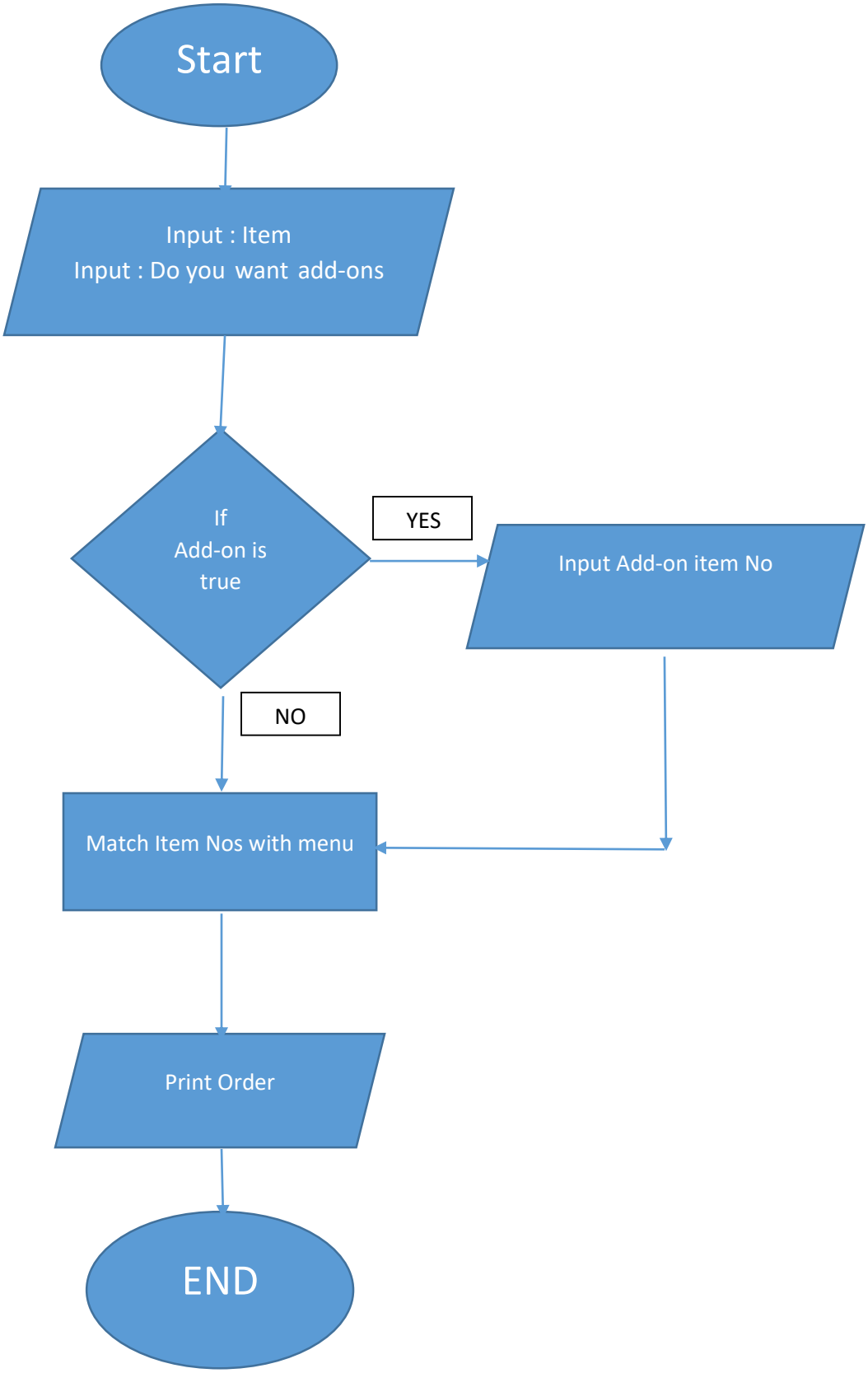
Pseudocode :

```
INPUT MenuItemNo
INPUT Addon("True or False")

If addon is True:

    INPUT Add-onItemNo
        Compare MenuItemNo with Menu array
        Compare Add-onItemNo with Add-on array

        Print ("The menu is : MenuItem with Add-on")

Else:

    Compare MenuItemNo with Menu array
    Print("The order is : MenuItem")
```

Algorithm :

1. Ask the user For menuItemNo
2. Ask the user if he wants Addons or not
3. Search the MenuItemNo in the Menu list and print The item
4. if user doesnot want Addons
5. Print the MenuItem Only
6. If the user wants an Addon
7. Search the Addon item using the No in Addon list
8. Print the Menuitem along with the Addon item

FlowChart:


Start
Input : Item
Input : Do you want add-ons
If
Add-on is
true
YES
Input Add-on item No
NO
Match Item Nos with menu
Print Order
END

Task2 :

Pseudocode:

```
Input AccountNo
Input Password
if Account Number is valid
   Input Ammount_To_withdraw
   if Amm_t_wd <=AccountBalance  And Amm_t_wd < CashAvailaible:
      Return Amm_t_wd
  else
      Print("Insufficient balance")
```

Algorithm:

1.Ask the user To enter AccountNumber
2.Ask the user to enter Password

3.Verify by Checking the the database if the Account is valid or not

4.If the Account is not valid Ask the user to enter Details Again

5.If the account is valid Ask the user to Enter the The cash to withdraw

6.if The amount enter Is Smaller Then the cash available

7.Return the print the Ammount
8.Else print that insufficient Cashd

Task No 3:

Pseudocode:

Input N1

Input N2

Input N3

Set largest to 0

If N1 > N2 And N1>N3:

    Set largest to N1

Else if N2>N1 And N2>N3

    Set largest to N2

Else

    Set largest to N3

Print(“the Largest Number is” , Largest)

Algorithm:

1.Ask the User to Enter Number 1

2. Ask the User to Enter Number 2

3. Ask the User to Enter Number 3

4.Set a variable Largest to 0

5.If N1 is bigger than N2 and N3, Set largest to N1

6.If N2 is bigger than N1 and N3,Set largest to N2

7.If both 5 and 6 steps are not correct Set largest to N3

8.Print Largest

Task 4:

Pseudocode:

Months =
(“January”,”Feburary”,”March”,”April”,”May”,”June”,”July”,”August”,

“September”,”October”,”November”,December”)

Input MonthNo

Print(Month[MonthNo])

Algorithm:

1.Create A list of all 12 Months

2.Ask The User For the MonthNo

3.Print the The Month That is on the number that the user Entered

Task 5:

Pseudocode:

Result = 0

Input Number1
input Number2

Input Operator(“+,-)

Result = Number1 + operator + Number2

Print Result

Algorithm:

1. Ask the user for Number1
2. Ask the user for Number2
3. Ask the User for operator input(+ or -)
4. Create a Result variable and set it to (Number 1 + operator + Number2)
5. Print Result

Task 7:

Pseudocode:

Input N1
input N2

Print(“Add :”, N1 + N2)

Print(“Subtract:”,N1-N2)

Print(“Multiply: “,N1*N2)

Print(“Divide : “,N1/N2)

Print(“Modulo: “,N1%N2)

Algorithm:

1. Ask the user for Number1
2. Ask the user for Number2
3. Ask the User for operator input(+ or -)
4. Print Step by step the results of all the operations Performed on the 2 Numbers

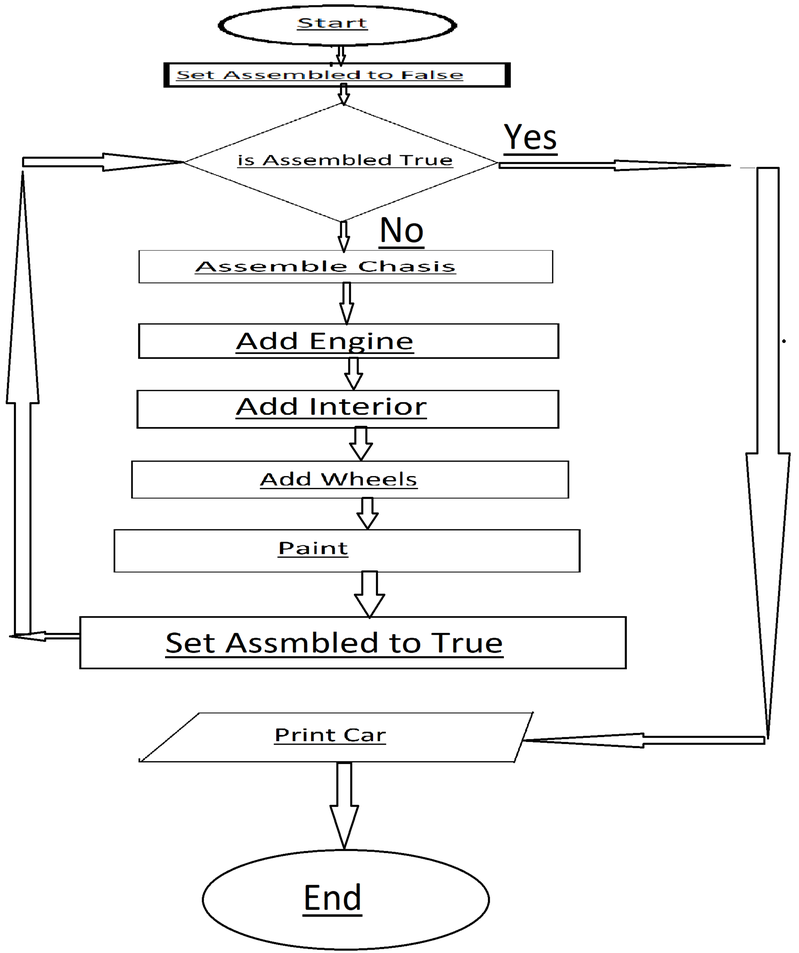
Task 9:

.gitignore is used when we want to restrict certain files from being uploaded on Github along with your projects

Task 10:

Algorithm is a step by step process which follows a logical Approach to explain a process to the computer

Pseudocode is a simplified version of computer programs that are written in English. It is used to test programs before actually implementing the program in a computer


Start
Set Assembled to False
is Assembled True
Yes
No
Assemble Chasis
Add Engine
Add Interior
Add Wheels
Paint
Set Assmbled to True
Print Car
End