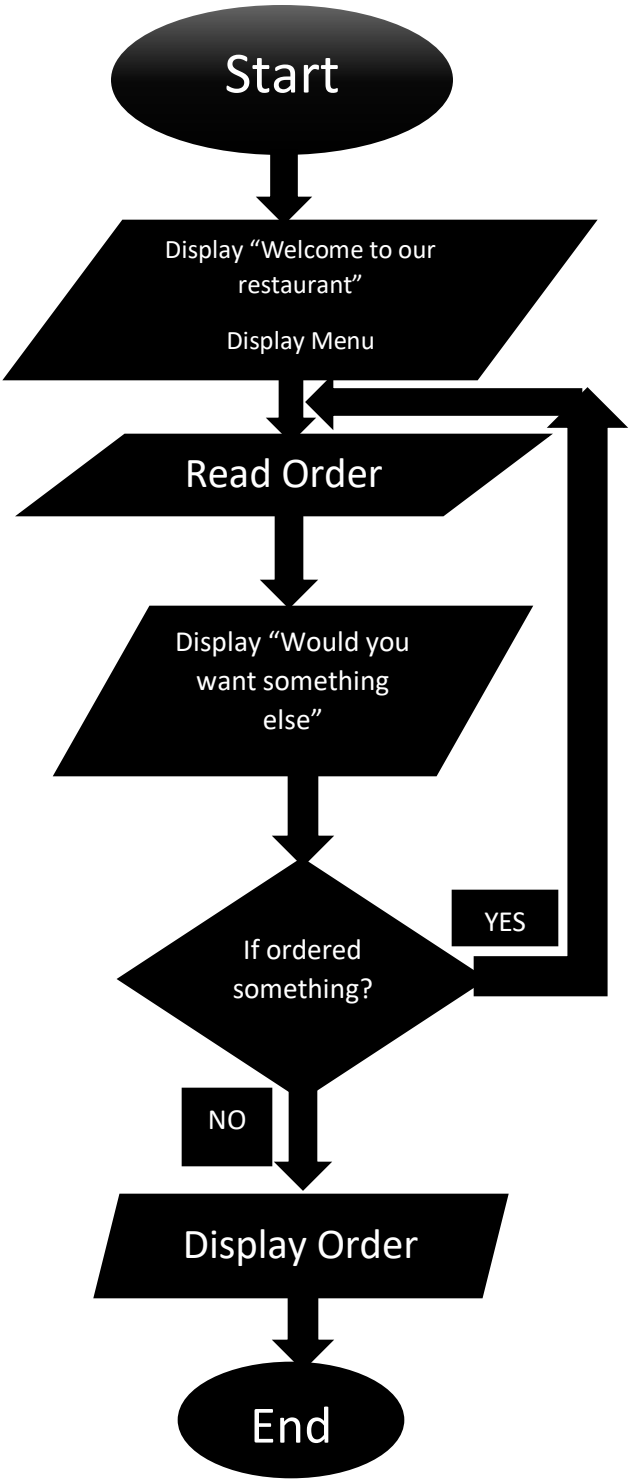
QUESTION 1:


Start
Display “Welcome to our restaurant”
Display Menu
Read Order
Display “Would you want something else”
If ordered something?
YES
NO
Display Order
End

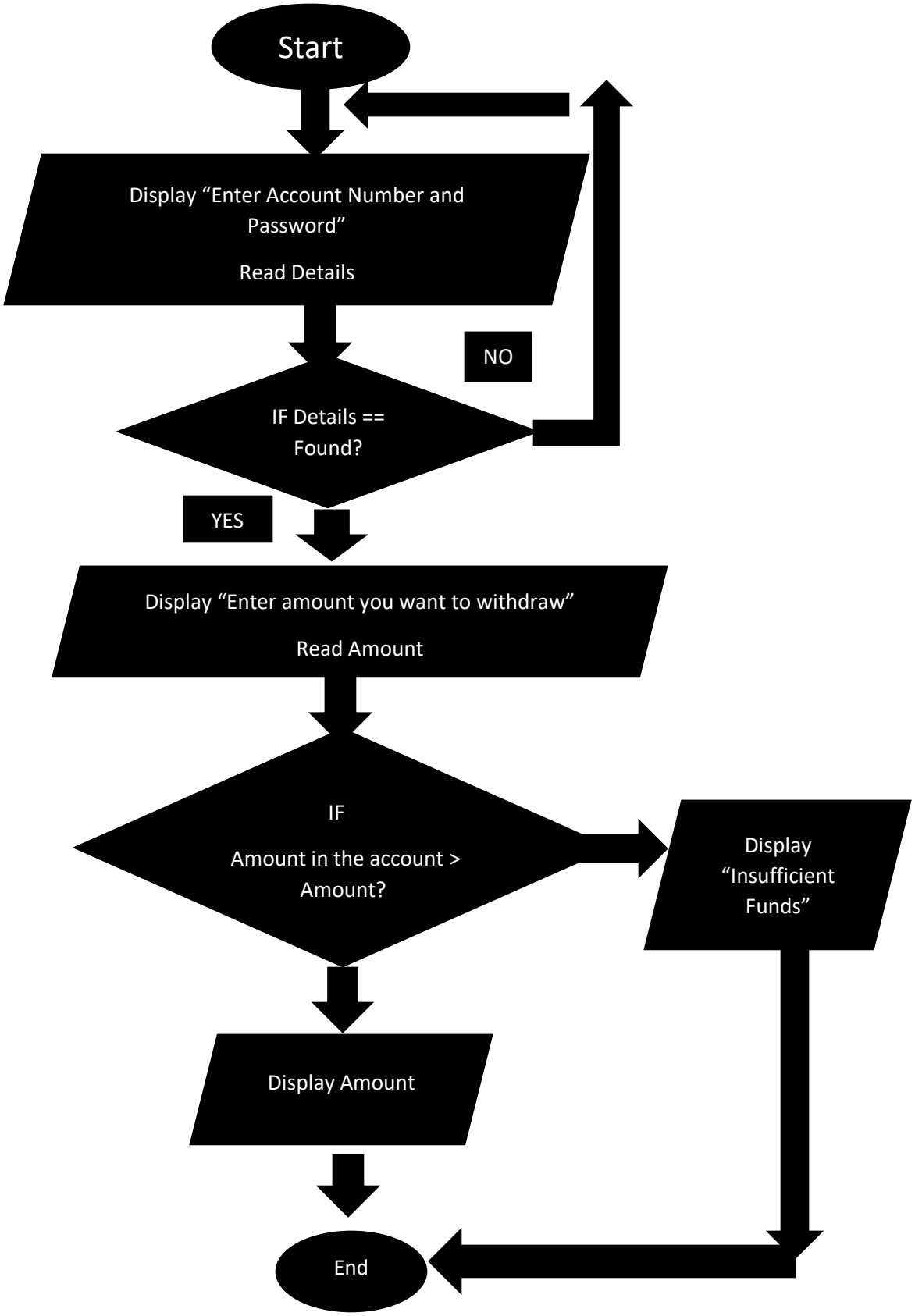
Pseudocode:

1. Start
2. Display “Welcome”, Menu
3. Read Order
4. Display “Would you like something else”
5. If Order something
6. Read Order
7. Display Order
8. Else
9. Display Order
10. EndIf

Algorithm:

1. Greetings “hello how are you”.
2. Show him the menu.
3. Ask him whether he wants to order something.
4. Take order.
5. Ask him whether he wants to order something else.
6. Take order
7. Show him his whole order
8. Thank him

Question 2:


Start
Display “Enter Account Number and Password”
Read Details
NO
IF Details == Found?
YES
Display “Enter amount you want to withdraw”
Read Amount
IF
Amount in the account > Amount?
Display “Insufficient Funds”
Display Amount
End

Pseudocode:

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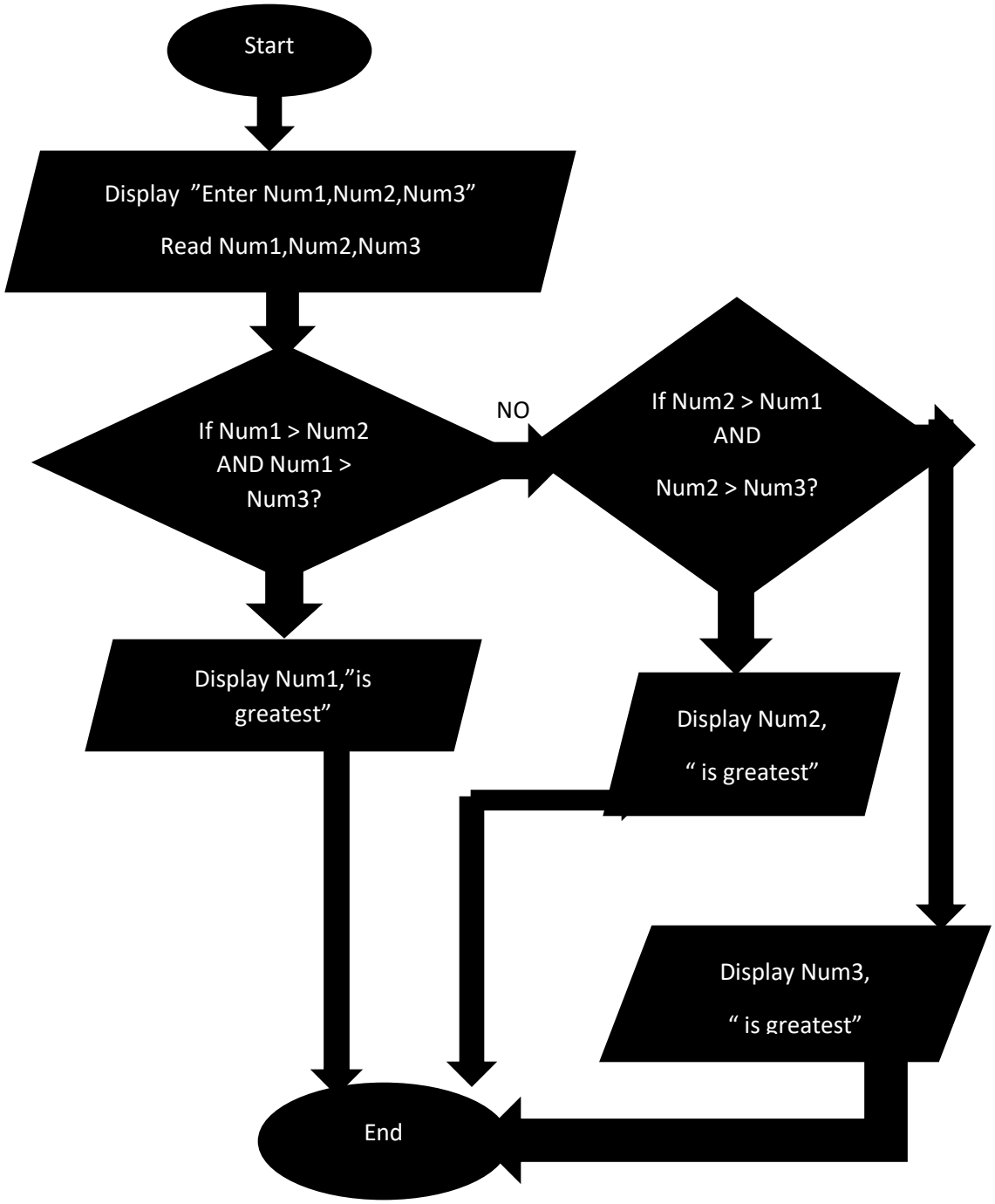
Start
Print “Enter your account number”
Read AccNum
If AccNum == Found
Then display “Enter Password”
        Read pass
        If pass == Account Password”
        Then display “Enter Amount”
            Read amount
            If amount <= account’s balance
                Then display amount
            Else
                Display “ insufficient funds”
            EndIf
    EndIf
EndIf
```

Algorithm:

- Ask user to enter the amount.
- Then check whether the account exist in the database.
- If not, then prompt the user that the account number is incorrect.
- Else, if it does ask password of the account.
- Check whether the Password matches the account's password.
- If not, prompt user that password is incorrect.
- Else if it does then ask user to enter the amount.
- If the balance in user account is greater than or equals to the amount entered.
- Then hand the amount to the user, else prompt "insufficient funds"

Question 3:


Start
Display ”Enter Num1,Num2,Num3”
Read Num1,Num2,Num3
If Num1 > Num2 AND Num1 > Num3?
NO
If Num2 > Num1 AND Num2 > Num3?
YESYES
Display Num1,”is greatest”
Display Num2, “ is greatest”
Display Num3, “ is greatest”
End

Pseudocode:

- Start
- Display “enter Num1”
- Read Num1
- Display “enter Num2”
- Read Num2
- Display “enter Num3”
- Read Num3
- If Num1 > Num2 AND Num1 > Num3
- Then Display Num1, “is greatest”
- ElseIF Num2 > Num3 AND Num2 > Num1
- Then Display Num2, “is greatest”
- Else
- Display Num3, “is greatest”

Algorithm:

- First prompt the user to enter three numbers.
- Then compare 1st Number with the others to check if it’s the greatest than the others.
- If it is the display that number along with the prompt showing it’s the greatest number.
- If it’s not the do the same with the 2nd Number and if it turn out to be the greatest of the other, then prompt it’s the greatest.
- Else if both cases fail the prompt the 3rd number as the greatest.

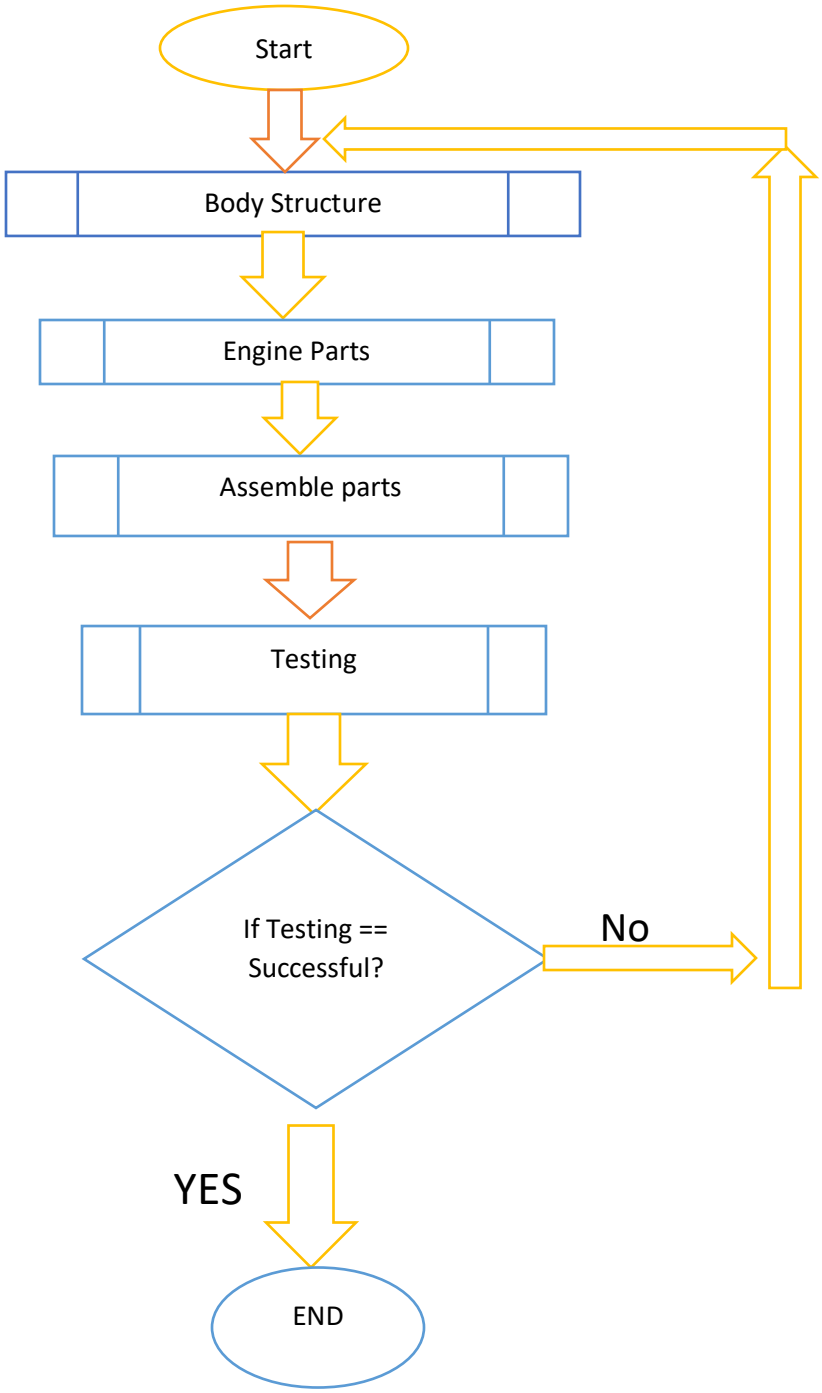
Question 4:

- First ask the user to enter the number.
- Then compare the number stored in the database.
- If found, then prompt the corresponding month to the user.
- If not, then output “wrong number entered”

Question 5:

- Start
- Display “enter number1”
- Read num1
- Display “enter number2”
- Read num2
- Display “enter operator”
- Read operator
- If operator == “+”
- Then Calculate Total = num1 + num2
- Display Total
- ElseIf operator == “-”
- Then Calculate Total = num1 – num2
- Display Total

Question 6:


Start
Body Structure
Engine Parts
Assemble parts
Testing
If Testing == Successful?
No
YES
END

Question 7:

- Ask user 2 number as inputs as well as an operator which is to be performed.
- Check if the operator is “*”, then multiply both the numbers.
- If it is “+” then, multiply both the number.
- If it is "%” then, divide the first number with the second and then multiply it by 100.
- If it is "-" then, subtract the first number with the second.
- if it is "/" then, divide the first number with the second.
- Then print the result.

Question 9:

You can create a. gitignore file in your repository's root directory to tell Git which files and directories to ignore when you make a commit. To share the ignore rules with other users who clone the repository, commit the. gitignore file in to your repository.

Question 10:

ALGORITHM:	PSEUDOCODE:
An algorithm is a procedure used for solving a problem or performing a computation. Algorithms act as an exact list of instructions that conduct specified actions step by step in either hardware- or software-based routines.	Pseudocode is an end-to-end description of an algorithm in formal English (or in natural language) to convey the logic of an algorithm.

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