***QUESTION 1:***

Algorithm:

1) Greet the customer with “Welcome to our restaurant, how can I help you?”
2) Provide him the menu.
3) Input the order he ask you too.
4) Ask him if he wants any add on.
5) Provide him with the bill.
6) Take cash and return him the change.

Pseudocode:

1)start

2)print ‘welcome to our restaurant’

3)print ‘menu’

4)read order

5)print ‘do you want any add on?’

6)If yes

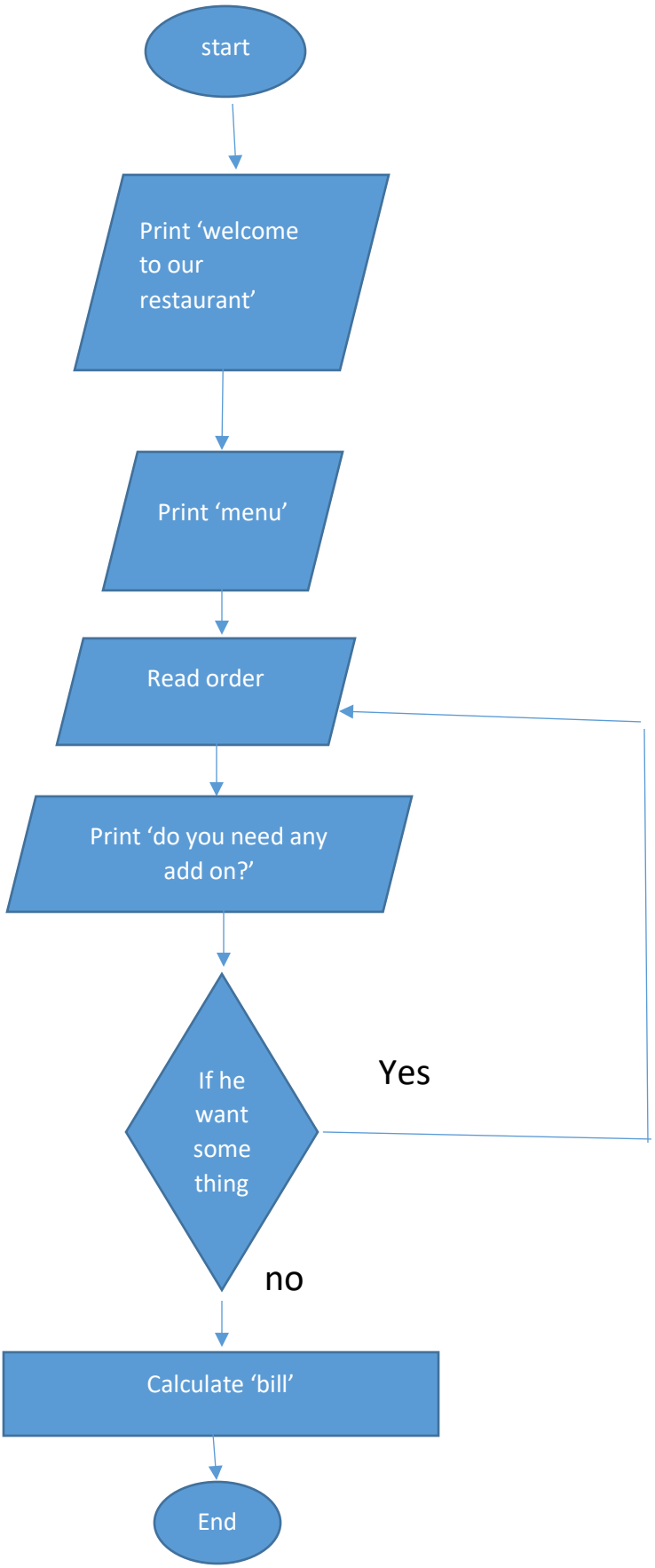
7) Then read new order

8) else calculate bill

9) print bill

10) END

## Flowchart:


start
Print 'welcome to our restaurant'
Print 'menu'
Read order
Print 'do you need any add on?'
If he want some thing
Yes
no
Calculate 'bill'
End

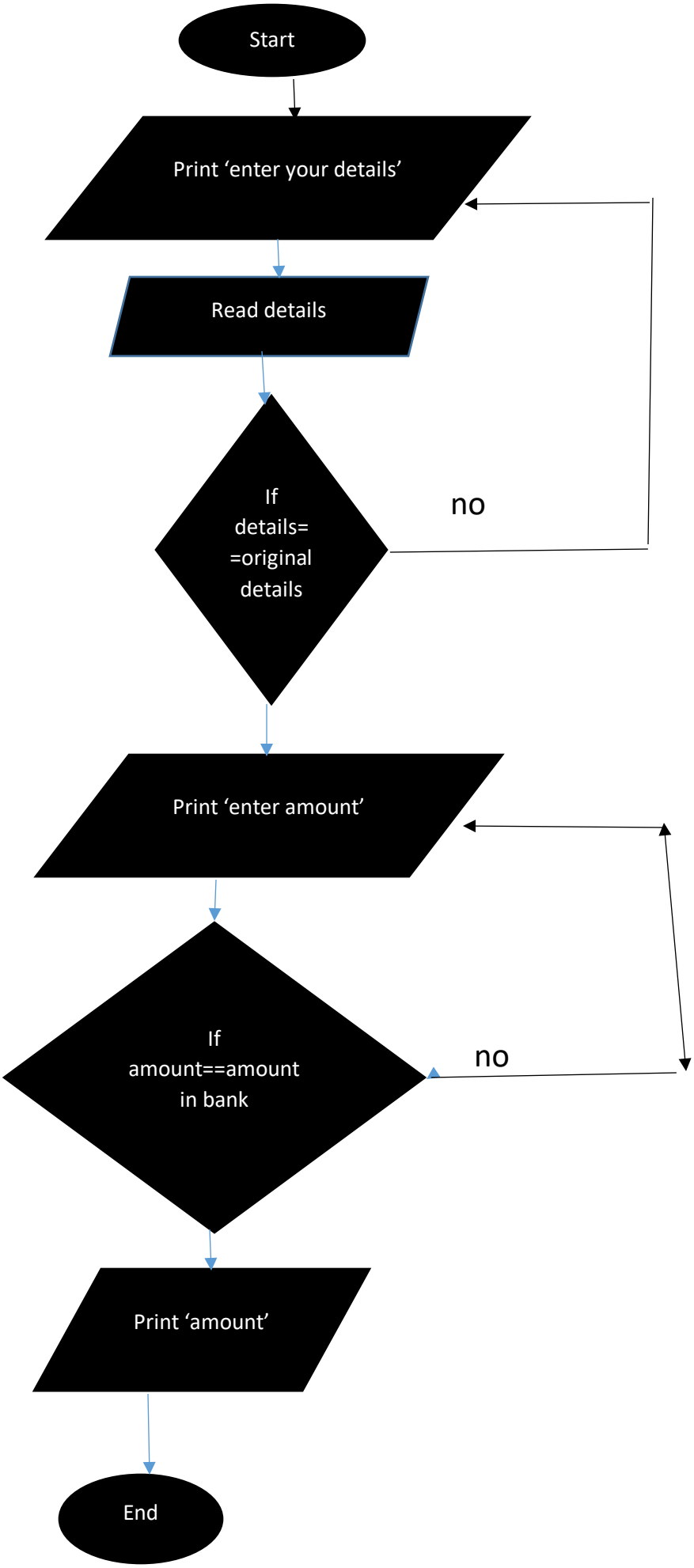
***QUESTION 2:***

Algorithm:

1) . Ask the user to enter account details.
2) Compare his original details with the entered details.
3) If they are same allow him to make transaction else deny him access

Pseudocode:

1) Start
2) Print ‘enter your details’
3) Read details
4) If details==original details
5) Then print ‘enter amount’
6) Read amount
7) Else print ‘wrong details entered’
8) If amount<=amount in bank
9) Then print amount
10) Else print ‘insufficient amount’
11) End


Start
Print ‘enter your details’
Read details
If details= =original details
no
Print ‘enter amount’
If amount==amount in bank
no
Print ‘amount’
End

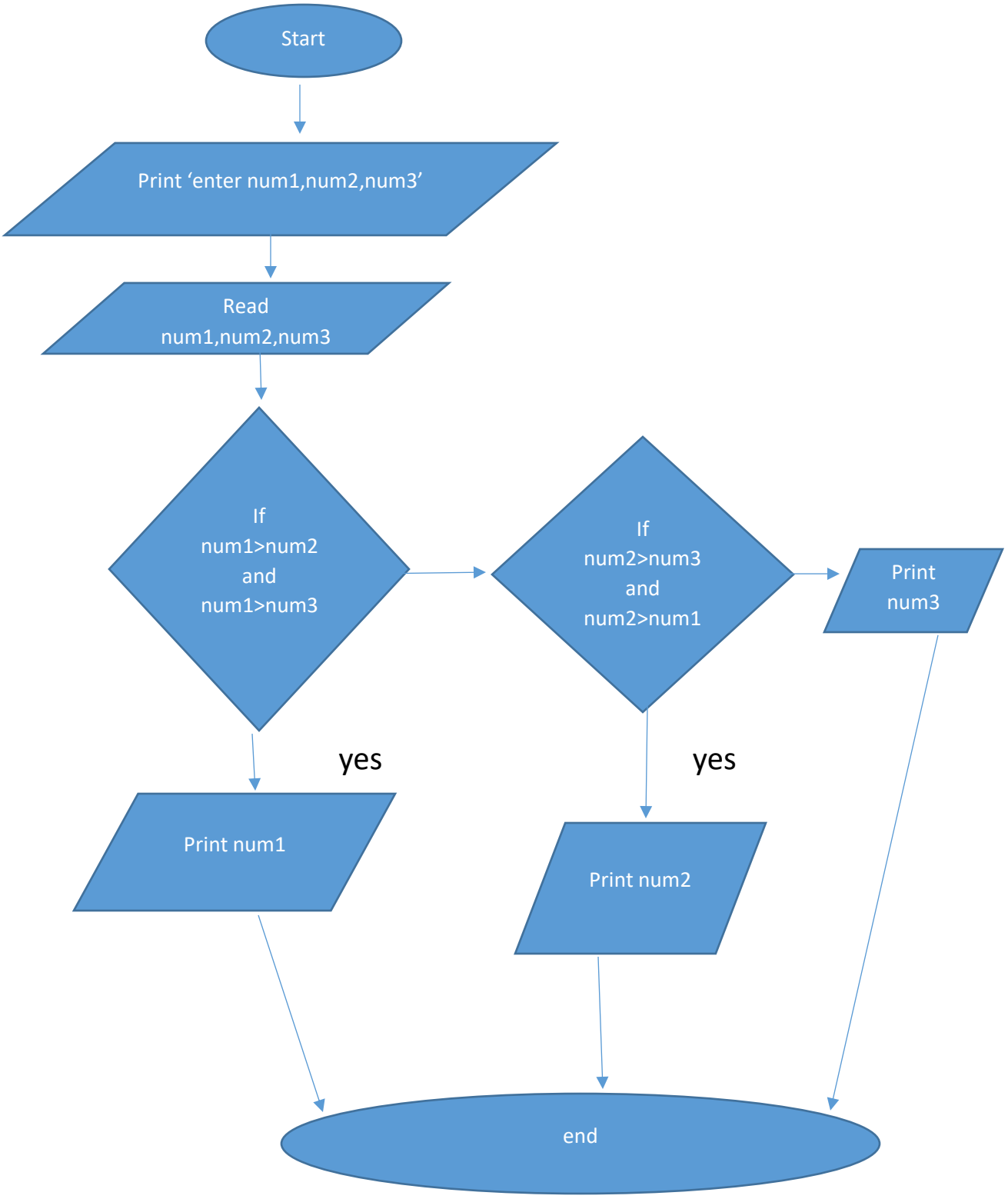
***QUESTION 3:***

Algorithm:

1) Ask user to enter three numbers.
2) Check which number is the largest.
3) Tell user the largest number.

Pseudocode:

1) Start
2) Print ‘enter num1,num2,num3’
3) Read num1,num2,num3
4) If num1>num2 and num1>num3
5) Then print num1
6) Else if num2>num3 and num2>num1
7) Then print num2
8) Else print num3
9) End


Start
Print 'enter num1,num2,num3'
Read
num1,num2,num3
If
num1>num2
and
num1>num3
yes
Print num1
If
num2>num3
and
num2>num1
yes
Print num2
Print
num3
end

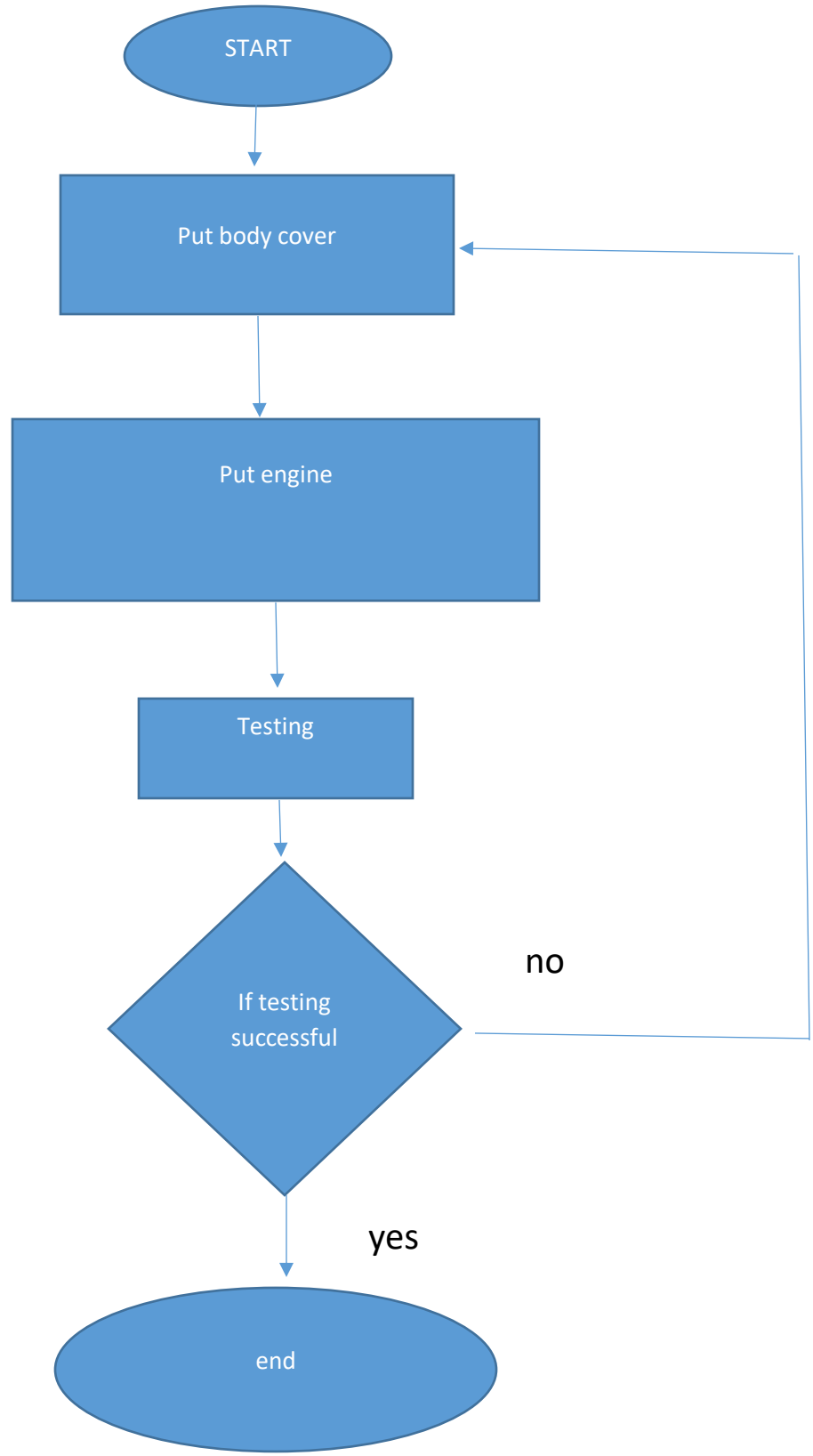
***QUESTION 4:***

Ask user to enter a number between 1-12.

Compare the number entered by the user with the database.

***QUESTION 5:***

1- START
2- Print ‘enter num1,num2’
3- Read num1,num2
4- Print ‘enter operator’
5- If operator==+
6- Then calculate answer=num1+num2
7- Else calculate answer=num1-num2
8- Print answer
9- END


START
Put body cover
Put engine
Testing
If testing successful
no
yes
end

***QUESTION 7:***

1. Ask user to input two numbers and one operator.
2. If the operator is “+” then calculate sum=num1+num2.
3. If the operator is “-“ then calculate difference=num1-num2.
4. If the operator is “/” then calculate division=num1/num2.
5. If the operator is “*” then calculate product=num1*num2.
6. If the operator is ‘%” then calculate percentage= num1/num2 *100

***QUESTION 9***

It is used for tracking which types of files to ignore, choose none and all files will be tracked otherwise you can select which type of files to exclude from tracking.

***QUESTION 10:***

Pseudocode is a way to express an algorithm or program logic in a human-readable form, using plain language and simple notations that resemble programming constructs whereas an algorithm is a finite set of instructions that, if followed, accomplishes a particular task.