Q no.1 Design a flowchart, Pseudocode, Algorithm for processing a customer order at a restaurant,

including handling special requests (Like add on).

**ALGORITHM:**

STEP 1: Go to newly entered customer in the restaurant

Step 2: Provide him of the menu and ask him about the order

Step 3: write the order on the paper

Step 4: ask the customer if he would like any add on’s

Step 5: go the kitchen and report about the order

Step 6: when the order prepares give it the customer

**Pseudo code:**

Start

[\\input\output](file:///\\input\output)

Input menu

[\\process](file:///\\process) steps

Take the order from cutomers

Ask him of the add ons

[\\conditional](file:///\\conditional) statements

IF

Customer wants add on

Else

When customer dosen’t want add on

END

**Q NO 2. Design a flowchart, Pseudocode, Algorithm for handling a customer's deposit transaction at a**

**bank, including checks for account validity and deposit amount conditions.**

**ALGORITHM:**

**STEP 1: when the customer comes at the bank to deposit some money**

**Step 2: Take information about his account and check it on the system**

**Step 3: check the amount in the customers account**

**Step 4: deposit the money that the customer wants to deposit**

**Pseudo code:**

**START**

**\\INPUT\OUTPUT**

**INPUT THE CUSTOMERS DATA IN THE SYSTEM**

[\\PROCESS](file:///\\PROCESS)

**CHECK THE MONEY IN THE CUSTOMERS ACCOUNT**

**END**

**QNO3. Design a flowchart, Pseudocode, Algorithm to determine which of three provided numbers is the greatest**

**ALGORITHM:**

**STEP 1: check the numbers provided by the user**

**Step 2: determine the greatest between the numbers**

**Step 3: print the greatest number between the three numbers**

**Pseudo code:**

**START**

[\\INPUT\OUTPUT](file:///\\INPUT\OUTPUT)

**Input the numbers provided by the user**

[\\process](file:///\\process)

**Determine the largest between the numbers**

**END**

**QNO 4.Implement an algorithm where the user enters a number, and an appropriate month is**

**displayed.**

ALGORITHM:

STEP 1: check the number provided by the user

Step 2: see the appropriate number and the check whether that number is in the data

Step 3: define the data

Step 4: 1=January

2=February

3=march

4= april

5= may

6= june

7= july

8= august

9=September

10=October

11= November

12= December

Step 5: if the number is in the data then display the appropriate month given in the data

Q no5. Create pseudocode a small calculator which only does ‘+’ or ‘-‘Operations. (Hint: Take three

variable inputs with one being used for the operator)

pseudo code:

START

[\\INPUT\OUTPUT](file:///\\INPUT\OUTPUT)

INPUT NUMBER 1

INPUT NUMBER 2

[\\VARIABLES](file:///\\VARIABLES) AND INITIALIZATION

SET SUM TO 0

[\\CONDITIONAL](file:///\\CONDITIONAL) STATEMENTS

IF

USER GIVES’+’ THEN ADD THE NUMBERS

ELSE

USER GIVES ‘-‘THEN SUBTRACT THE NUMBERS

[\\PROCESS](file:///\\PROCESS)

IF

Number 1+ number 2

ELSE

Number1- number2

END

QNO 7.Implement an algorithm for making a simple calculator with all the operators (+,-,\*,/,%)

ALGORITHM:

STEP 1: Check the numbers given by the user

Step 2: see the operations used in the information

Step 3: if the operation is + then add the numbers

Step 4: if the operation is – then subtract the numbers

Step 5: if the operation is\* then multiply the numbers

Step 6; if the operation is \ then divide the numbers

Step 7: print the result given by the operation

Step 8: end]