1.Logistics Flowchart

Output

Normal delivery

Output

Urgent Delivery

no

yes

Output

Deliver to customer

Output

Handle with care

yes

Decision

Fragile or not

Process

Sort the orders.

Input

Order received of the customer.

START

no

Decision

Urgent delivery

End

2.Vending machine flowchart

Start

Input

Select Product from 1 to 20



no

yes

Selected correctly

Output

reselect product

Output

Select paymenttype

no

Cash or card?

yes

Output

if card then display and collect card

Output

If cash, then collect cash

repeat

repeat

If card is valid and money collected

If correct amount given.

no

no

yes

yes

Dispense the product

Dispensethe product

Collect card again

Collect again

End

Pseudocode

1. Start

//variables and initialization

Set input number 1

Set input number 2

Set input number 3

//Process steps

Set input number 1 as Minimum or smallest number

//Conditional Statements

If number 1<number 2 and number 1 <number 3 then

Print “input number 1 is smallest number”

Else number 2< number 1 and number 2 <number 3 then

Print “input number 2 is smallest number”

Else select number 3 as smallest number

Print “number 3 is the smallest number”

End If

End

1. Start

//Input

Input number 1

Input number 2

Input operator

//variables and Initialization

Set sum to 0

//process steps

Take two inputs from user and take input of operation that he/she wants to choose,perform the operation.

//conditional steps

Input number 1 operator (/, \*) Input number 2

Print sum

End

Algortithms

2.Start

Ask the user to input any number between 1 -365

divide the number by 7 using /

if remainder is 1

it will be monday

if remainder is 2

it will be tuesday

if remainder is 3

it will be wednesday

if remainder is 4

it will be thursday

if remainder is 5

it will be friday

if remainder is 6

it will be saturday

if remainder is 0

it will be sunday

End

3.GCD using Euclidean method

Start

Input two numbers a, b

While b is not equal to 0 so

Temp= b

b=a modb

a=temp

output: a which will be GCD

End

1.Prime number algorithm

Start

Take input from the user

Number n=2

While (n<input)

If input%n ==0

Print not a prime number

Else

Print it’s a prime number

End

Explanation if the input gets completely divided then it’s not a prime number if it doesn’t get divided completely then it’s a prime number.