B

Use credentials to transfer price amount in company account

A

End

Flag restock

False

True

Check wether inventory has less than 10 piece

Deduct 1 from the inventory and flag order pending to vendor

Print order placed

True

False

Check amount equivalent to price received

B

A

Input payment Credentials

True

False

Print enter a valid payment method

Check wether payment method is valid

Input Payment method

Print price

Read Price

Print Item not present

False

True

Read input

Check wether ordered item is present in inventory

Start

Lab Task 2

Q1  
START

// initialization

Set A to 0

//input  
Enter number A  
  
//processing  
divide A by 5

//conditions

If remainder is 0 then

Print ”A is multiple of 5”

Else

Print “A is not a multiple of 5”

END

Q2

Start

//input

Character   
  
//processing  
if “A”<= Character<=”B” then

Print “ Upper Case”

Else  
 Print “ Lower Case”

End  
  
Q3

Start

//Input

Enter 1 Number   
Enter 2 Number

Enter operation “ + or \* “

//processing

If operation= \* then

B= 1 Number \* 2 Number  
 print B

Else

B= 1 Number + 2 Number

Print B  
  
END

Q4

Start

//input

Enter number “A”

//process

If A<0 then

Print “A is negative”

Elseif A=0 then

Print “A is zero”

Else

Print “A is positive”

END

Q5

Start

//input

Enter Age  
  
//process

If 13=<Age=<19 then  
 print teenager  
Else

Print not a teenager

END

Algorithm

(Q1)

Ask the user to enter **Number of days** in the current year

Divide **Number of days by** 4

If remainder is 0 then display it is a leap year

Otherwise say not a leap year

(Q2)

Ask the use to enter the character that he wants to find

Ask the user to enter the passage in which he wants to look the character in

Start comparing character by passage letter by letter

Increment **A** every time character matches from letter in passage  
Display A number of times character has repeated

(Q3)

Ask the user to enter the **base** number

Ask the user to enter the **power** number

Set **Ans** to (multiply base with base till no. of times become 1 less than power)

Display **Ans**

(Q4)

Ask the user to enter Radius (r)

Set Area to (22/7xrxr)

Display Area

(Q5)

Ask the user to input Number 1

Ask the user to input Number 2

Ask the user to input Number 3

Set Median to ((Number 1+ Number 2+ Number 3)/3)

Display Median