

start

Read num

If it is string

Print “wrong input”

Print “correct input”

End

TRUE

FALSE

PROBLEM 2

Start

False

Read input

Total price= unitprice\*quantity

Accept payment

Payment=Totalprice

Dispense product

Change = payment-total

End

Product available

True

False

True

Return change

Problem 1

Prepare for dispatch

Start

yes

Handle with care

Is the package marked as fragile

Read package information

no

Load in vehicle

yes

Mark it as fragile

Is the package fragile?

Deliver packages

no

yes

Check if the delivery is urgent?

Prioritize delivery

no

Return and reschedule

Was delivery succesfull

no

yes

Standard delivery

End

Sort according to destination

Start

//Input/output

1.

PSEUDO CODE

INPUT num 1,num2,num3

OUTPUT smallest number

//variable initialization

SET num1,num2,num3 as a,b,c

//condition

IF a<b and a<c THEN

PRINT “a is the smallest number”

ELSEIF b<a and b<c THEN

PRINT “b is the smallest number”

ELSE

PRINT “c is the smallest number”

END

2.

START

INPUT First Number

INPUT operator(\*,/)

INPUT Second Number

SET First Number, Second Number as a,b

SET product as a\*b

SET Quotient as a/b

IF operator is “\*” THEN

PRINT “product”

ELSE

PRINT “Quotient”

END

ALGORITHM

1.

1. start
2. Ask user to enter a number
3. Set number as n
4. Read value n
5. Set k=1, factors =0
6. If k<=n move to next step, else go to step 10
7. Check if n%k==0 if true go to step 8 , else go to step 9
8. Set count=count + 1
9. K=k+1 go to step 6
10. If count = 2, print ”prime number” else print ”it is not a prime number”
11. end

2.

1. start
2. ask user to enter a day number “n” where 1≤n≤365
3. read n
4. set week day (n – 1 ) % 7
5. week day [“Monday”, “Tuesday”, “Wednesday”, “Thursday”, “Friday”, “Saturday”, “Sunday”]
6. print the corresponding week day
7. end

3.

Find GCD of 36 and 81

|  |  |  |  |
| --- | --- | --- | --- |
| Q | A | B | R |
| 2 | 81 | 36 | 9 |
| 4 | 36 | 9 | 0 |
| x | 9 | 0 | x |

GCD = A when B=0

GCD= 9