Flow chart of

Put a Number

TASK 1

Is number divisible by 3?

False True

Multiple of 3!

Not a multiple of 3!

Flow chart of

Input operator (+, -, \*, /)

TASK 2

Operator is valid

False

Invalid Input

True

Put two operands

Operands are valid

False

Perform operations

Based on operators

Invalid operands

Flow Chart of

Put Character

TASK 3

Print “Small alphabet”

If Character is between ‘a’ and ‘z’

True

If character is between ‘A’ and ‘Z’

True

Print “Capital alphabet”

If character is between ‘0’ and ‘9’

True

Print “Digit”

Print “Special Character”

Put Total Cost

If the amount < 500

True

No Discount applied

Flow Chart of

TASK 4

If the amount < 2000

True

Apply 5% discount

If the amount <= 4000

True

Apply 10% discount

If the amount <= 6000

True

Apply 20% discount

Apply 35% discount

Put customer detail (ID, Name, Units).

If Units <= 199

Flow Chart of True

Bill = Units \* 16.20

TASK 5

If 200 <= Units < 300

Bill = Units \* 20.10

True

If 300 <= Units < 500

True

Bill = Units \* 27.10

If Units >= 500

Bill = Units \* 35.90

True

Print the bill