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Algorithm

This program should determine the minimum number of tokens of each value that make up an integer value between 20 and 100 entered by a visitor to the web page. Display the integer value and the number of tokens of each value to the visitor.

HTML:

1. Display Welcome with short description
2. Prompt for number of Tokens (between 20 to 100)
3. Create IF statement for validation
4. Process information using JS
5. Display result to user

JAVASCRIPT:

1. Create an INT variable to accept number input
2. Prompt for integer input number of tokens between 20 and 100
3. Calculate and display :

- 20 20’s = userinput/20

numHolder = userinput%20

Display : ( “20 = ,”20’s)

- 10 10’s = numHolder/10

numHolder = numHolder%10

Display : ( “10 = ,”10’s)

- 5 5’s = numHolder/5

numHolder = numHolder%5

Display : ( “5 = ,”5’s)

- 2 2’s = numHolder/2

numHolder = numHolder%2

Display : ( “2 = ,”2’s)

- 1 1’s = numHolder/1

numHolder = numHolder%1

Display : ( “1 = ,”1’s)