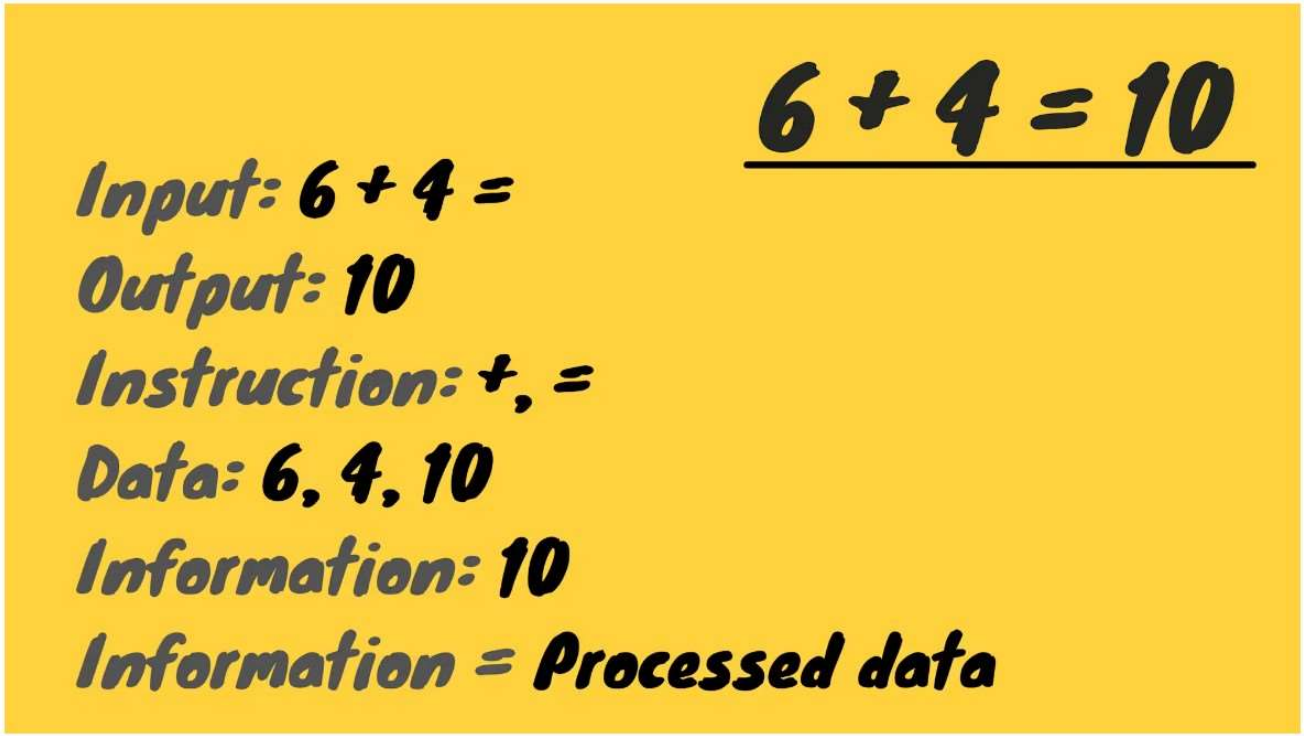

How can we get a machine to add two numbers?

Mentimeter

If we have to calculate the sum of different data, can we give calculator or machine a common pattern to use to solve the equation? How? Post with ID:

5+5=10	7+3=10	5+5	5+8=13
9+1=10id : 6115	5+5=10	8+2=10	By inputing two numbers and calculate them with a half or full adder .

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If we have to calculate the sum of different data, can we give calculator or machine a common pattern to use to solve the equation? How? Post with ID:

input, instruction, input, instruction, output	8 4 2 1 0 0 0 10 0 1 0	1+1=10 (1=carry,0=sum)	1+1=10 (1=carry,0=sum)
fraction calculator	1+1=10(1=carry; 0=sum)	20232201060674+6=10	the common pattern plus sign

If we have to calculate the sum of different data, can we give calculator or machine a common pattern to use to solve the equation? How? Post with ID:

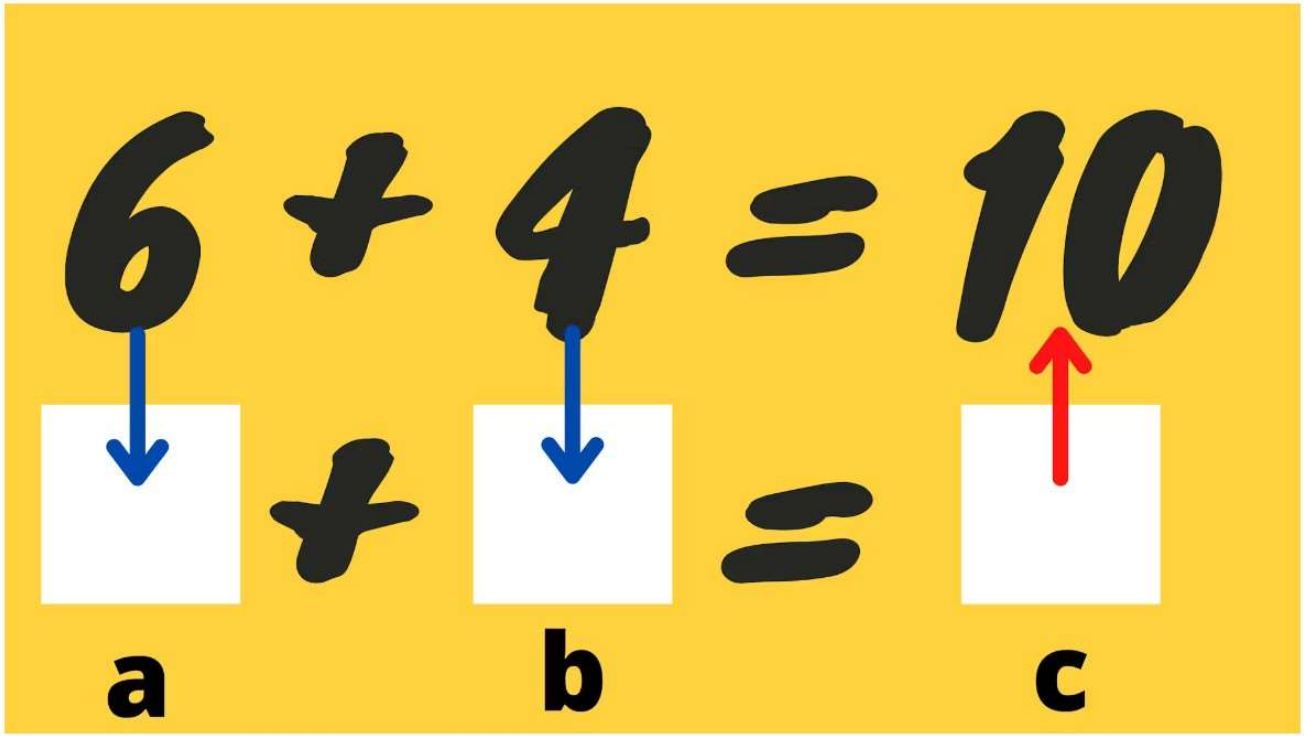
sum pattern	7+3=10 2023220106071	common oatern is input two number and sum them	the common pattern is plus sign
8+2=10 basically we use this type of structure	mathay ashe na	mathay ashe na	1+1=10(carry =1;sum=0)IDE: 2023220106056

Mentimeter

If we have to calculate the sum of different data, can we give calculator or machine a common pattern to use to solve the equation? How? Post with ID:

1	7+3=10 by using different	1	1
1			

22



Can this pattern be used to solve the equation?

If yes, What are a, b and c? In a computer would a, b and c need to be stored as well? How?

.	a+b=c	storage	input 6+4output 10information 10instruction +,=data 6,4,10
a and b is input and b is a output	a is 6 , b is 4, c is 10. in computer a b c need to be stored. it stored by binary number	20232201060671 + 9=10a + b=c	storage

If yes, What are a, b and c? In a computer would a, b and c need to be stored as well? How?

aand b is input and c is output.

abc is a symbol

8+2=102023220106071

storage

a= 7b=3c=a+b=7+3=10c=10

a=5b=5c=10a+b=c

a=5b=5c=10

a b c is a pattern that is common like if there was8 + 4 = 10 (the pattern would be)a b cno they don't need to be stored as well

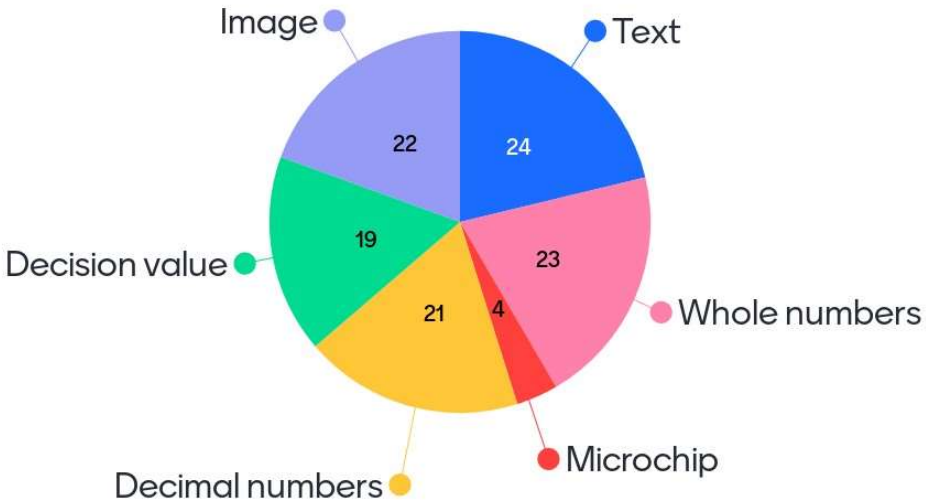
If yes, What are a, b and c? In a computer would a, b and c need to be stored as well? How?

storage

a, b and c indicates storage spaces that hold the data/information. In a computer these storage spaces are called VARIABLES.

Mentimeter

How many types of data does a computer need to store in a variable?



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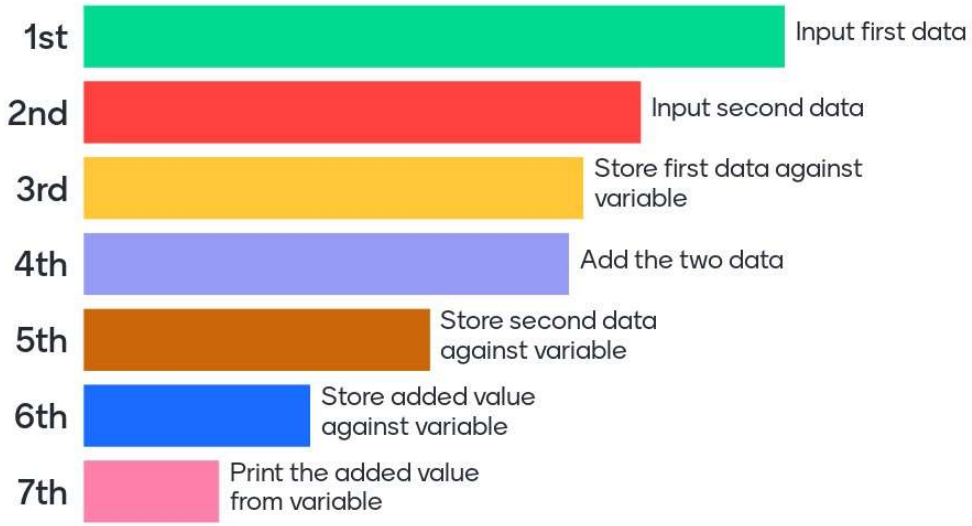
Mentimeter

Now that we know which types of data can be stored in a computer, what will be the sequence to add two numbers:



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Correct sequence:

- Input first data
- Store first data against variable
- Input second data
- Store second data against variable
- Add the two data
- Store added value against variable
- Print the added value from variable

Mentimeter

In your opinion, to start writing a computer program what is the first step?

Logical steps/ instructions to add two numbers:

- Input first data & store against variable
- Input second data & store against variable
- Add the two data & store against variable
- Print stored value from variable
- This pattern of writing is called "Pseudo-code"