Array = [ 10 , 20 , 30]

String = ‘Anila’

To print **console.log(….)**

To convert string to value **parseInt(string)**

var a = 20;

a = 40;

console.log(a);

var b = 20;

console.log(a+b);

##### Output:

40

60

var a = 20;

a = 40;

console.log(a);

var b = 'sagi';

console.log(a+b);

##### Output:

40

40sagi

var Name = 'Anila';

var Surname = 'Sagi';

console.log(Name+Surname);

**Output:**

AnilaSagi

const readline = require('readline');

const inp = readline.createInterface({

input: process.stdin});

const userInput = [];

inp.on("line", (data) => {

userInput.push(data);

});

inp.on("close", () => {

//start-here

var Name = userInput[0];

var Surname = Name.split(" ");

console.log(Surname);

//end-here

});

Input : 10 20

Output:

[ '10', '20' ]

Execution Time:

0.075s

Memory Used:

8400kb

var Name = userInput[0];

var Surname = Name.split("2");

console.log(Surname);

Output:

[ '10 ', '0' ]

var Name = userInput[0];

var Surname = Name.split("0");

console.log(Surname);

Output:

[ '1', ' 2', '' ]

var Name = userInput[0];

var Surname = Name.split("1");

console.log(Surname);

Output:

[ '', '0 20 30' ]

var Name = 'Anila Sagi';

var Surname = Name.split("i");

console.log(Surname);

Output:

[ 'An', 'la Sag', '' ]

var something = userInput[0];

something = something.split(" ");

console.log(something);

##### Output:

[ '10', '20', '30' ]

var something = userInput[0];

console.log(something[0]);

console.log(something[1]);

console.log(something[2]);

value = something[0]+something[1]+something[2];

console.log(value);

##### Output:

1

0

10

var something = userInput[0].split(" ");

console.log(something[0]);

console.log(something[1]);

console.log(something[2]);

value = something[0]+something[1]+something[2];

console.log(value);

##### Output:

10

20

30

102030

To convert string to value : we user **parseInt**

var something = userInput[0].split(" ");

console.log(something[0]);

console.log(something[1]);

console.log(something[2]);

value = parseInt(something[0])+parseInt(something[1])+parseInt(something[2]);

console.log(value);

##### Output:

10

20

30

60

var something = [10,20,30];

console.log(something[0]);

console.log(something[1]);

console.log(something[2]);

value = parseInt(10)+parseInt(20)+parseInt(31);

console.log(value);

##### Output:

10

20

30

61

var something = [10,20,30];

console.log(something[0]);

console.log(something[1]);

console.log(something[2]);

value = parseInt(10+20+31);

console.log(value);

##### Output:

10

20

30

61

var value = parseInt(10+20+31);

console.log(value);

##### Output:

61

var something = userInput[0]+userInput[1]+userInput[2];

console.log(something[0]);

console.log(something[1]);

console.log(something[3]);

console.log(something[5]);

console.log(something[6]);

console.log(something[8]);

console.log(something[10]);

value = parseInt(something[0])+parseInt(something[1])+parseInt(something[3])+parseInt(something[5])+parseInt(something[6])+parseInt(something[8])+parseInt(something[10]);

console.log(value);

Input:

3

1 2 3

5 5 5

##### Output:

3

1

2

3

5

5

5

24

var something = userInput[0].split(" ");

var something1 = userInput[1].split(" ");

var something2 = userInput[2].split(" ");

console.log(something[0]);

console.log(something1[0]);

console.log(something1[1]);

console.log(something1[2]);

console.log(something2[0]);

console.log(something2[1]);

console.log(something2[2]);

value = parseInt(something[0])+parseInt(something1[0])+parseInt(something1[1])+parseInt(something1[2])+parseInt(something2[0])+parseInt(something2[1])+parseInt(something2[2]);

console.log(value);

Input:

3

1 2 3

5 5 5

##### Output:

3

1

2

3

5

5

5

24

**Matrix Addition**

var something = userInput[0].split(" ");

var something1 = userInput[1].split(" ");

var something2 = userInput[2].split(" ");

var value = +something[0]+ +something[1]+ +something[2];

var value1 = +something1[0]+ +something1[1]+ +something1[2];

var value2 = +something2[0]+ +something2[1]+ +something2[2];

console.log(value+value1+value2);

1 1 1

1 1 1

5 5 5

21

var something = userInput[0].split(" ");

var something1 = userInput[1].split(" ");

var something2 = userInput[2].split(" ");

var value = +something[0]+ +something[1]+ +something[2]+ + +something1[0]+ +something1[1]+ +something1[2]+ + +something2[0]+ +something2[1]+ +something2[2]

console.log(value);

##### Output:

21

for (i=2;i<10;i=i+1)

{

console.log(i);

}

##### Output:

2

3

4

5

6

7

8

9

for (i=0; i<3; i = i+1 )

{

a = userInput[i].split(" ");

console.log(a);

12 1 1

1 21 1

1 1 12

##### Output:

[ '12', '1', '1' ]

[ '1', '21', '1' ]

[ '1', '1', '12' ]

something = ['1','2','3'];

var sum = 0 ;

for(j = 0 ; j < 3; j++)

{

sum = sum + +something[j];

}

console.log(sum);

output 6

var a = 0;

var b = 0;

for(i=0;i<4;i++)

{

a = userInput[i].split(" ");

for(j=0;j<4;j++)

{

b = b+ +a[j]

}

}

console.log(b);

1 1 1 1

1 1 1 1

1 1 1 1

1 1 1 1

##### Output:

16