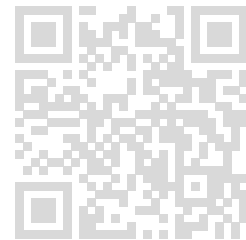


Codekata Report:



Name: Paramesh Kumar S

Email: svpparameshkumar2004@gmail.com

1. Problem Statement: Write a code to get the input and print it 5 times.

Input Description: A single line contains an integer N.

Output Description: Output contains 5 lines with each line having the value N.

Explanation: The value N has been written 5 times.

Sample Input: 4

Sample Output: 44444

Input Description:

A single line contains an integer N.

Output Description:

Output contains 5 lines with each line having the value N.

Completion Status: Completed

Concepts Included:

absolute beginner

basics

Looping

Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");
```

```
const inp = readline.createInterface({  
  input: process.stdin  
});
```

```
const userInput = [];
```

```
inp.on("line", (data) => {  
  userInput.push(data);  
});
```

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

```
  let vp = +userInput[0]  
  for(let i=0; i<=4; i++){  
    console.log(vp)  
  }  
});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

5
5
5
5
5

Compilation Status: Passed

Execution Time:

0.06s

TestCase2:

Input:

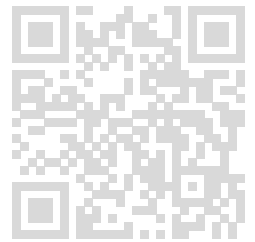
< hidden >

Expected Output:

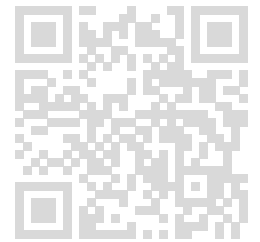
< hidden >

Output:

10



10
10
10
10



Compilation Status: Passed

Execution Time:

0.058s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

99
99
99
99
99

Compilation Status: Passed

Execution Time:

0.043s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

958
958
958
958
958

Compilation Status: Passed

Execution Time:

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0.06s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

1000
1000
1000
1000
1000

Compilation Status: Passed

Execution Time:

0.061s

2. Problem Statement: Write a code to get 2 integers A and N. Print the integer A, N times in separate line.

Input Description: First line contains an integer A. Second line contains an Integer N.

Output Description: Print the integer A, N times in a separate line.

Explanation: The integer A(2) is printed N(3) times.

Sample Input: 2 3

Sample Output: 222

Input Description:

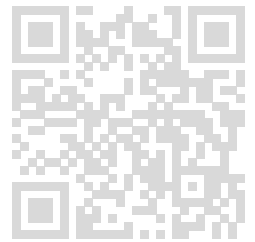
First line contains an integer A.
Second line contains an Integer N.

Output Description:

Print the integer A, N times in a separate line.

Completion Status: Completed

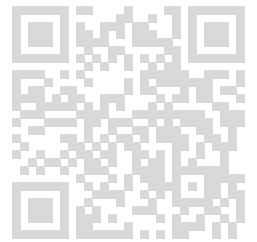
Concepts Included:



absolute beginner

basics

Looping



Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");
```

```
const inp = readline.createInterface({  
  input: process.stdin  
});
```

```
const userInput = [];
```

```
inp.on("line", (data) => {  
  userInput.push(data);  
});
```

```
inp.on("close", () => {  
  let vp = userInput[0].split(" ")  
  let v = +vp[0]  
  let p = +vp[1]  
  for(let i=0; i<p; i++){  
    console.log(v)  
  }  
});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

5
5
5
5

Compilation Status: Passed

Execution Time:

0.042s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

10
10
10
10
10

Compilation Status: Passed

Execution Time:

0.043s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

5
5
5
5
5
5

Compilation Status: Passed

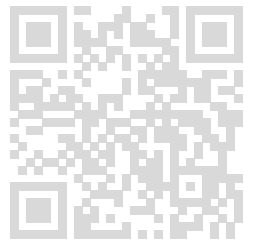
Execution Time:

0.042s

TestCase4:

Input:

< hidden >



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Expected Output:

< hidden >

Output:

9
9
9
9
9
9
9
9
9
9

Compilation Status: Passed

Execution Time:

0.042s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

3

Compilation Status: Passed

Execution Time:

0.042s

3. Problem Statement: Write a code to get an integer N and print values from 1 till N in a separate line.

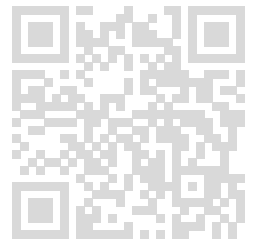
Input Description: A single line contains an integer N.

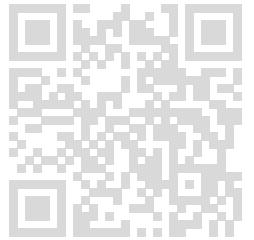
Output Description: Print the values from 1 to N in a separate line.

Sample Input: 5

Sample Output: 12345

Explanation: The values from 1 upto N is printed.





Input Description:

A single line contains an integer N.

Output Description:

Print the values from 1 to N in a separate line.

Completion Status: Completed

Concepts Included:

absolute beginner

basics

Looping

Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let vp = +userInput[0]
  for(let i=0; i<vp; i++){
    console.log(i+1)
  }

});
```

Compilation Details:

TestCase1:

Input:

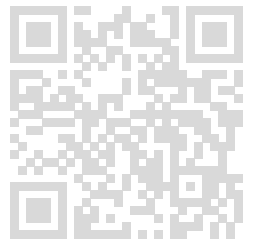
< hidden >

Expected Output:

< hidden >

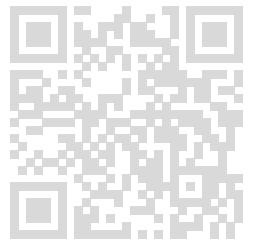
Output:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
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98
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100



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Compilation Status: Passed

Execution Time:

0.042s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

1
2
3
4
5
6
7
8
9
10

Compilation Status: Passed

Execution Time:

0.062s

TestCase3:

Input:

< hidden >

Expected Output:

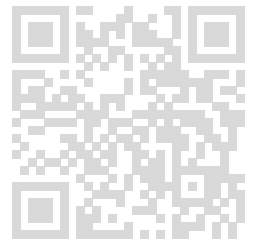
< hidden >

Output:

1
2
3
4
5
6
7
8
9

Compilation Status: Passed

Execution Time:



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0.043s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

1
2
3

Compilation Status: Passed

Execution Time:

0.041s

TestCase5:

Input:

< hidden >

Expected Output:

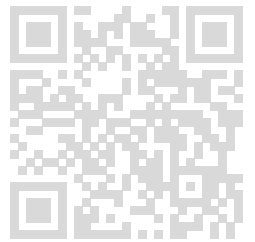
< hidden >

Output:

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

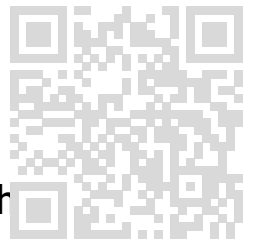
Compilation Status: Passed

Execution Time:



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0.063s



4. Problem Statement: Write a code to get an integer N and print the even values from 1 till N in a separate line.

Input Description: A single line contains an integer N.

Output Description: Print the even values from 1 to N in a separate line.

Explanation: The even values from 1 upto N is printed.

Sample Input: 6

Sample Output: 2 4 6

Input Description:

A single line contains an integer N.

Output Description:

Print the even values from 1 to N in a separate line.

Completion Status: Completed

Concepts Included:

absolute beginner

basics

Looping

Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

```
let v = +userInput[0]
for(let i=1; i<=v;i++){
  if(i%2==0){
    console.log(i)
  }
}
```

```
});
```

Compilation Details:

TestCase1:

Input:

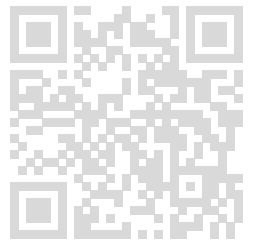
< hidden >

Expected Output:

< hidden >

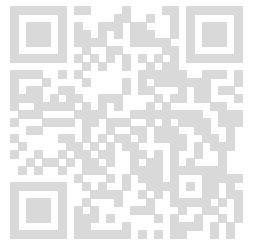
Output:

2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
60
62



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94
96
98
100



Compilation Status: Passed

Execution Time:

0.044s

TestCase2:

Input:

< hidden >

Expected Output:

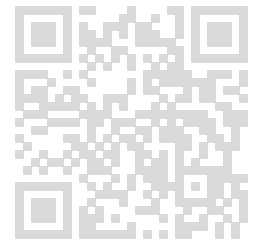
< hidden >

Output:

2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
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42
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48
50



Compilation Status: Passed

Execution Time:

0.059s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

2
4
6
8
10

Compilation Status: Passed

Execution Time:

0.059s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

2

Compilation Status: Passed

Execution Time:

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0.058s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

2
4
6
8

Compilation Status: Passed

Execution Time:

0.042s

5. Problem Statement: Write a code to get an integer N and print the values from N to 1.

Input Description: A single line contains an integer N.

Output Description: Print the values from N to 1 in a separate line.

Explanation: The values from N upto 1 is printed.

Sample Input: 10

Sample Output: 10987654321

Input Description:

A single line contains an integer N.

Output Description:

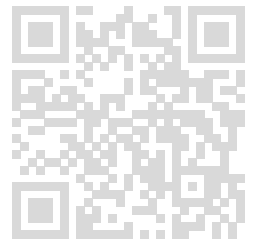
Print the values from N to 1 in a separate line.

Completion Status: Completed

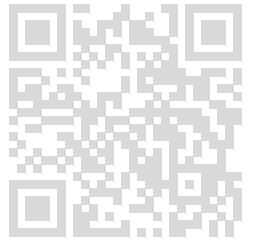
Concepts Included:

absolute beginner

basics



Looping



Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let v = +userInput[0]
  for(let i=v;i>0;i--){
    console.log(i)
  }

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

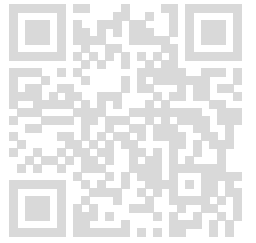
Expected Output:

< hidden >

Output:

100
99
98
97
96
95
94
93
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85
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14
13
12
11
10
9
8
7
6
5
4
3
2
1

Compilation Status: Passed

Execution Time:

0.043s

TestCase2:

Input:

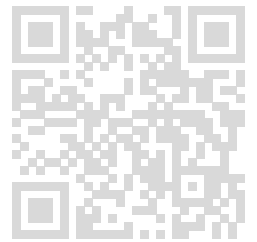
< hidden >

Expected Output:

< hidden >

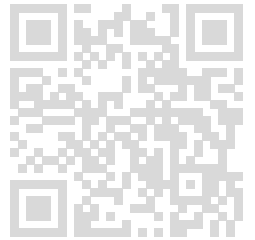
Output:

5
4



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3
2
1



Compilation Status: Passed

Execution Time:

0.041s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

Compilation Status: Passed

Execution Time:

0.058s

TestCase4:

Input:

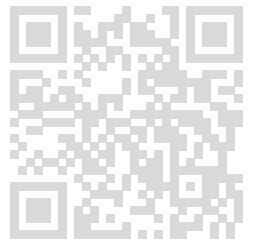
< hidden >

Expected Output:

< hidden >

Output:

3
2
1



Compilation Status: Passed

Execution Time:

0.059s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

8
7
6
5
4
3
2
1

Compilation Status: Passed

Execution Time:

0.042s

6. Problem Statement: Write a code to get an integer N and print the sum of values from 1 to N.

Input Description: A single line contains an integer N.

Output Description: Print the sum of values from 1 to N.

Explanation: The sum of values from 1-10 is 55.

Sample Input: 10

Sample Output: 55

Input Description:

A single line contains an integer N.

Output Description:

Print the sum of values from 1 to N.

Completion Status: Completed

Concepts Included:

absolute beginner

basics

Looping

Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let v = +userInput[0]
  let vp = 0
  for(let i=0; i<=v; i++){
    vp+=i
  }
  console.log(vp)

});
```

Compilation Details:

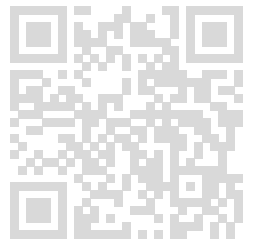
TestCase1:

Input:

< hidden >

Expected Output:

< hidden >



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Output:

5050

Compilation Status: Passed**Execution Time:**

0.056s

TestCase2:**Input:**

< hidden >

Expected Output:

< hidden >

Output:

1225

Compilation Status: Passed**Execution Time:**

0.06s

TestCase3:**Input:**

< hidden >

Expected Output:

< hidden >

Output:

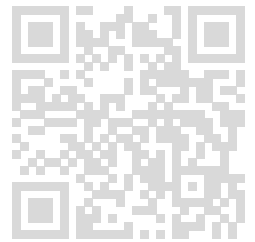
500500

Compilation Status: Passed**Execution Time:**

0.042s

TestCase4:**Input:**

< hidden >

Expected Output:

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< hidden >

Output:

406

Compilation Status: Passed

Execution Time:

0.06s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

4005

Compilation Status: Passed

Execution Time:

0.041s

7. Problem Statement: Write a code to get an integer N and print the digits of the integer.

Input Description: A single line contains an integer N.

Output Description: Print the digits of the integer in a single line separated by space,

Explanation: The digits are splitted and displayed.

Sample Input: 348

Sample Output: 3 4 8

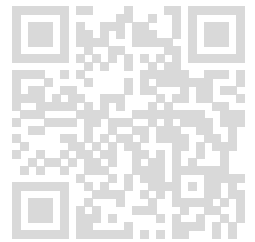
Input Description:

A single line contains an integer N.

Output Description:

Print the digits of the integer in a single line separated by space,

Completion Status: Completed

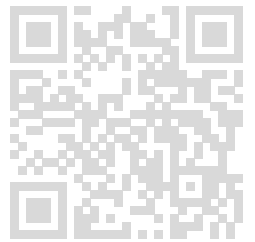


Concepts Included:

absolute beginner

basics

Looping



Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let vp = userInput[0].split("")
  console.log(vp.join(" "))

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

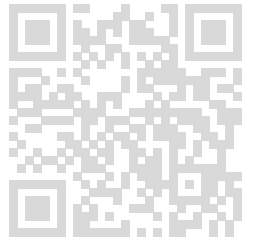
Output:

5 4 5 6 3 5 6

Compilation Status: Passed

Execution Time:

0.06s



TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

2 3 4 6

Compilation Status: Passed

Execution Time:

0.06s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

7 8 6 9 7

Compilation Status: Passed

Execution Time:

0.057s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

3 4 5

Compilation Status: Passed

Execution Time:

Paramesh Kumar S (sypparameshkumar2004@gmail.com)

0.059s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

6 5 4 3 4 5 6 7 8 8 6 5 4 3 4 5 6 7

Compilation Status: Passed

Execution Time:

0.059s

8. Problem Statement: Write a code get an integer number as input and print the sum of the digits.

Input Description: A single line containing an integer.

Output Description: Print the sum of the digits of the integer.

Explanation: $1+2+4=7$

Sample Input: 124

Sample Output: 7

Input Description:

A single line containing an integer.

Output Description:

Print the sum of the digits of the integer.

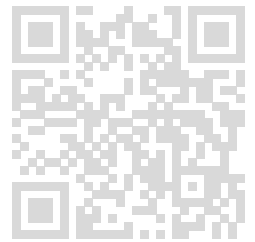
Completion Status: Completed

Concepts Included:

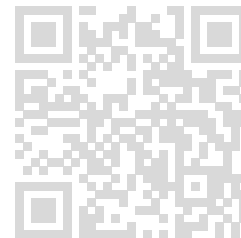
absolute beginner

basics

Looping



Language Used: JAVASCRIPT



Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let v = userInput[0].split("")
  let vp = 0
  for (let i of v){
    vp+=+i
  }
  console.log(vp)

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

45

Compilation Status: Passed

Execution Time:

0.057s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

49

Compilation Status: Passed

Execution Time:

0.042s

TestCase3:**Input:**

< hidden >

Expected Output:

< hidden >

Output:

24

Compilation Status: Passed

Execution Time:

0.058s

TestCase4:**Input:**

< hidden >

Expected Output:

< hidden >

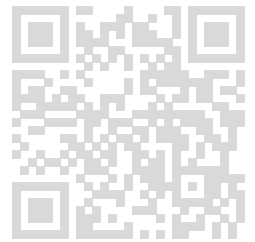
Output:

33

Compilation Status: Passed

Execution Time:

0.057s

TestCase5:**Input:**

Paramesh Kumar S (sypparameshkumar2004@gmail.com)

< hidden >

Expected Output:

< hidden >

Output:

67

Compilation Status: Passed

Execution Time:

0.041s

9. Problem Statement: Write a code get an integer number as input and print the odd and even digits of the number separately.

Input Description: A single line containing an integer.

Output Description: Print the even and odd integers of the integer in a separate line.

Sample Input: 1234

Sample Output: 2 4 1 3

Explanation: 4 and 2 are even, 3 and 1 are odd.

Input Description:

A single line containing an integer.

Output Description:

Print the even and odd integers of the integer in a separate line.

Completion Status: Completed

Concepts Included:

basics

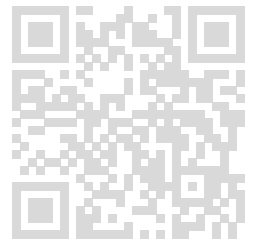
absolute beginner

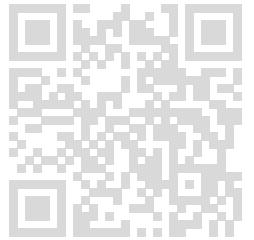
Looping

Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");
```





```
const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let even = []
  let odd = []
  let vp = userInput[0].split("")

  for (let i of vp) {
    if (+i % 2 == 0) {
      even.push(i)
    }
    else {
      odd.push(i)
    }
  }
  even.sort()
  odd.sort()
  console.log(even.join(" "))
  console.log(odd.join(" "))

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

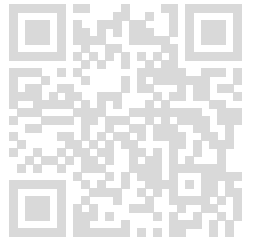
Output:

2 2 4
3 3 3

Compilation Status: Passed

Execution Time:

0.058s



TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

2 2 2 4
3 3 5 5 5

Compilation Status: Passed

Execution Time:

0.04s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

4 6 6 8
1 1 7 7 9 9

Compilation Status: Passed

Execution Time:

0.058s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

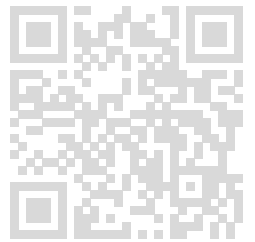
4 4 6
3 5

Paramesh Kumar S (sypparameshkumar2004@gmail.com)

Compilation Status: Passed

Execution Time:

0.058s



TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

4 6
5 5 7

Compilation Status: Passed

Execution Time:

0.058s

10. Problem Statement: Write a program to get a string as input and reverse the string without using temporary variable.

Input Description: A single line containing a string.

Output Description: Print the reversed string.

Explanation: The string is reversed.

Sample Input: GUVI

Sample Output: IVUG

Input Description:

A single line containing a string.

Output Description:

Print the reversed string.

Completion Status: Completed

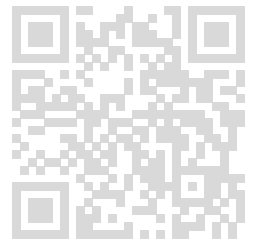
Concepts Included:

absolute beginner

basics

bit manipulation

Looping



Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let vp = userInput[0].split("")
  vp.reverse()

  console.log(vp.join(""))

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

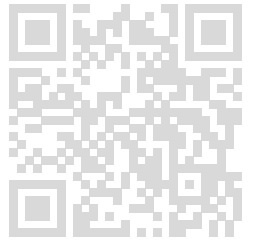
Output:

elgooG

Compilation Status: Passed

Execution Time:

0.057s



TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

koobecaf

Compilation Status: Passed

Execution Time:

0.041s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

margatsni

Compilation Status: Passed

Execution Time:

0.056s

TestCase4:

Input:

< hidden >

Expected Output:

< hidden >

Output:

rettiwt

Compilation Status: Passed

Execution Time:

Paramesh Kumar S (sypparameshkumar2004@gmail.com)

0.056s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

ppastahw

Compilation Status: Passed

Execution Time:

0.04s

11. Problem Statement: Write a code to get 2 integers as input and find the HCF of the 2 integer without using recursion or Euclidean algorithm.

Input Description: A single line containing 2 integers separated by space.

Output Description: Print the HCF of the integers.

Explanation: The HCF of 2 and 3 is 1 as they are prime numbers.

Sample Input: 2 3

Sample Output: 1

Input Description:

A single line containing 2 integers separated by space.

Output Description:

Print the HCF of the integers.

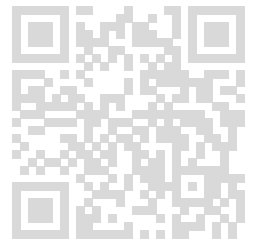
Completion Status: Completed

Concepts Included:

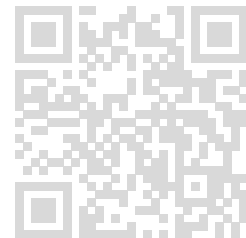
absolute beginner

basics

Looping



Language Used: JAVASCRIPT



Source Code:

```
function gcd(a, b) {  
  while (b !== 0) {  
    let temp = b;  
    b = a % b;  
    a = temp;  
  }  
  return a;  
}  
  
const readline = require("readline");  
const inp = readline.createInterface({  
  input: process.stdin  
});  
  
let userInput = [];  
  
inp.on("line", (data) => {  
  userInput.push(data);  
});  
  
inp.on("close", () => {  
  let [v, p] = userInput[0].split(" ").map(Number);  
  console.log(gcd(v, p));  
});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

19

Compilation Status: Passed

Execution Time:

0.057s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

15

Compilation Status: Passed

Execution Time:

0.059s

TestCase3:**Input:**

< hidden >

Expected Output:

< hidden >

Output:

10

Compilation Status: Passed

Execution Time:

0.059s

TestCase4:**Input:**

< hidden >

Expected Output:

< hidden >

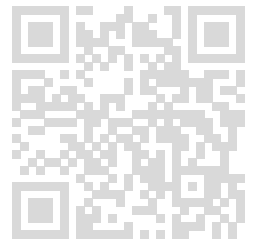
Output:

30

Compilation Status: Passed

Execution Time:

0.059s



Paramesh Kumar S (sypparameshkumar2004@gmail.com)

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

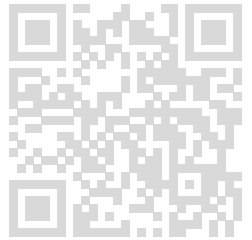
Output:

5

Compilation Status: Passed

Execution Time:

0.043s



12. Problem Statement: Write a program to get a list of integers as input and find the LCM of the values without using GCD

Input Description: First line contains an integer N, number of values. Second line contains N space separated values.

Output Description: Print the LCM of the values.

Explanation: The LCM of the 1,2,3,4,5 is 60

Sample Input: 1 2 3 4 5

Sample Output: 60

Input Description:

First line contains an integer N, number of values.
Second line contains N space separated values.

Output Description:

Print the LCM of the values.

Completion Status: Completed

Concepts Included:

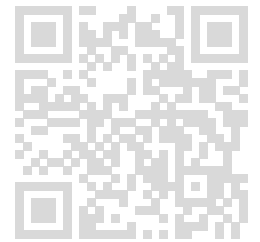
mathematics

greedy

divide and conquer

Looping

Language Used: JAVASCRIPT



Source Code:

```
function gcd(x, y) {
  while (y !== 0) {
    let temp = y;
    y = x % y;
    x = temp;
  }
  return x;
}

function lcm(x, y) {
  return (x * y) / gcd(x, y);
}

const readline = require("readline");
const inp = readline.createInterface({
  input: process.stdin
});

let userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

inp.on("close", () => {
  let n = parseInt(userInput[0].trim());
  let numbers = userInput[1].split(" ").map(Number);

  let result = numbers[0];
  for (let i = 1; i < n; i++) {
    result = lcm(result, numbers[i]);
  }

  console.log(result);
});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

320580

Compilation Status: Passed

Execution Time:

0.061s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

7800

Compilation Status: Passed

Execution Time:

0.059s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

24

Compilation Status: Passed

Execution Time:

0.06s

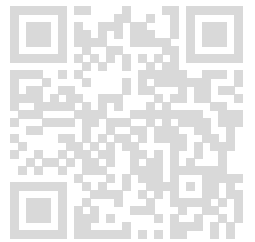
TestCase4:

Input:

< hidden >

Expected Output:

< hidden >



Paramesh Kumar S (sypparameshkumar2004@gmail.com)

Output:

105

Compilation Status: Passed**Execution Time:**

0.061s

TestCase5:**Input:**

< hidden >

Expected Output:

< hidden >

Output:

6930

Compilation Status: Passed**Execution Time:**

0.041s

13. Problem Statement: Write a code to get a integer n as input and calculate the smallest perfect power of 2 greater than n.

Input Description: A single line containing an integer, n.

Output Description: Print the smallest perfect power of 2 greater than n.

Explanation: The smallest perfect power of 2 greater than 48 is 64.

Sample Input: 48

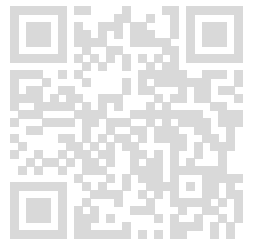
Sample Output: 64

Input Description:

A single line containing an integer, n.

Output Description:

Print the smallest perfect power of 2 greater than n.

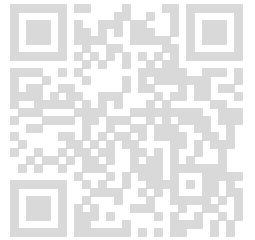
Completion Status: Completed

Concepts Included:

basics

bit manipulation

Looping



Language Used: JAVASCRIPT

Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

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

  let v = +userInput[0]
  vp = 1
  while(vp<=v){
    vp*=2
  }
  console.log(vp)

});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

64

Compilation Status: Passed

Execution Time:

0.042s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

256

Compilation Status: Passed

Execution Time:

0.06s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

4

Compilation Status: Passed

Execution Time:

0.06s

TestCase4:

Input:

< hidden >

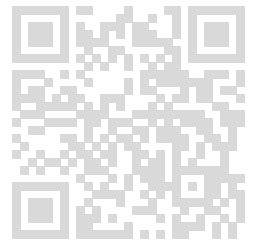
Expected Output:

< hidden >

Output:

32

Compilation Status: Passed



Paramesh Kumar S (sypparameshkumar2004@gmail.com)

Execution Time:

0.059s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

Output:

512

Compilation Status: Passed

Execution Time:

0.06s

14. Problem Statement: Write a code to get 2 integers as input and add the integers without any carry.

Input Description: A single line containing 2 integers.

Output Description: Print sum of the 2 integers without carry

Sample Input: 44 66

Sample Output: 0

Explanation: $44+66 \rightarrow 4+6=0$ and $4+6=0$. $44+66=0$.

Input Description:

A single line containing 2 integers.

Output Description:

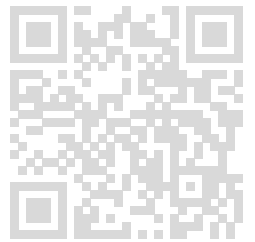
Print sum of the 2 integers without carry

Completion Status: Completed

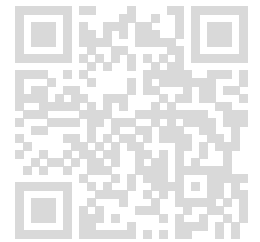
Concepts Included:

basics

Looping



Language Used: JAVASCRIPT



Source Code:

```
const readline = require("readline");

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

inp.on("close", () => {
  let [a, b] = userInput[0].split(" ");

  a = a.split("").reverse().join("");
  b = b.split("").reverse().join("");

  let max_len = Math.max(a.length, b.length);

  a = a.padEnd(max_len, "0");
  b = b.padEnd(max_len, "0");

  let result = "";

  for (let i = 0; i < max_len; i++) {
    let digitSum = (parseInt(a[i]) + parseInt(b[i])) % 10;
    result = digitSum.toString() + result;
  }

  result = result.replace(/^0+/, "");

  console.log(result === "" ? "0" : result);
});
```

Compilation Details:

TestCase1:

Input:

< hidden >

Expected Output:

< hidden >

Output:

9

Compilation Status: Passed

Execution Time:

0.043s

TestCase2:

Input:

< hidden >

Expected Output:

< hidden >

Output:

10

Compilation Status: Passed

Execution Time:

0.041s

TestCase3:

Input:

< hidden >

Expected Output:

< hidden >

Output:

22

Compilation Status: Passed

Execution Time:

0.041s

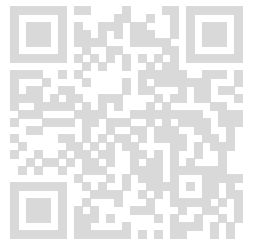
TestCase4:

Input:

< hidden >

Expected Output:

< hidden >



Paramesh Kumar S (sypparameshkumar2004@gmail.com)

Output:

46

Compilation Status: Passed

Execution Time:

0.042s

TestCase5:

Input:

< hidden >

Expected Output:

< hidden >

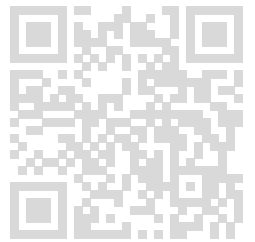
Output:

5

Compilation Status: Passed

Execution Time:

0.042s



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