

06 May 2023

divisors of a 9

About 35,60,00,000 results (0.47 seconds)

What is the list of divisors from 1 to 100?

Number	List of Divisors
Divisors of 9	1,3,9
Divisors of 10	1,2,5,10
Divisors of 11	1,11
Divisors of 12	1,2,3,4,6,12

96 more rows

dCode  
https://www.dcode.fr/divisors-list-number

Divisors of a Number Calculator - List - dCode

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People also ask

Is 72 a divisor of 9?

Is 9 a divisor of 8?

Handwritten notes:

1  $\sqrt{9}$   
 $\begin{array}{r} 9 \\ -9 \\ \hline 0 \end{array}$

2  $\sqrt{9}$   
 $\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$

3  $\sqrt{9}$   
 $\begin{array}{r} 9 \\ -9 \\ \hline 0 \end{array}$

...  $\sqrt{9}$   
 $\begin{array}{r} 9 \\ -9 \\ \hline 0 \end{array}$

$\rightarrow [1, 3, 9] \rightarrow \textcircled{0}$

8  $\sqrt{1}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

1  $\sqrt{2}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

2  $\sqrt{3}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

3  $\sqrt{4}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

4  $\sqrt{5}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

5  $\sqrt{6}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

6  $\sqrt{7}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

7  $\sqrt{8}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

8  $\sqrt{8}$   
 $\begin{array}{r} 8 \\ -8 \\ \hline 0 \end{array}$

$\rightarrow [1, 2, 4, 8] \rightarrow \textcircled{2}$

https://my.newtonschool.co/playground/code/gziq4ggi5omg

Newton School

my.newtonschool.co/playground/code/gziq4ggi5omg

```
8 {
9   int arrsize = sc.nextInt();
10  int max=0, secmax=0, thirdmax=0,j;
11  for(int k=0; k<arrsize;k++)
12  {
13      j = sc.nextInt();
14      if(j>max)
15      {
16          thirdmax = secmax;
17          secmax = max;
18          max = j;
19      }
20      else if(j>secmax)
21      {
22          thirdmax = secmax;
23          secmax = j;
24      }
25      else if(j>thirdmax)
26      {
27          thirdmax = j;
28      }
29      if(k%10000==0)
30      System.gc(); // garbage collection
31  }
```

Handwritten notes:

k=0, 1, 2, 3, 4, 5

1	3	5	7	6	6
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max = 0, 1, 2, 3, 4, 5

sec = 0, 1, 2, 3, 4, 5

3rd = 0, 1, 2, 3, 4, 5

arrsize=6

MLE

Given a numeric string A representing a large number you need to find the next smallest palindrome greater than this number.

Eg: Input=999, Output= 1001

```
int n = I.pI(num);  
if (n < 9)  
    return String.valueOf(n+1);
```

```
// Loop until Palindrome is found  
while(true)
```

```
{  
    n++,  
    String str = String.valueOf(n);  
    boolean isPalindrome = true;
```

```
    for (i=0; i < str.length()/2; i++)  
        if (str.charAt(i) != str.charAt(str.length()-i-1)) // dry run & understand this logic  
            {  
                isPalindrome = false;  
                break;  
            }
```

```
    if (isPalindrome)  
        return str;
```

————— X —————