Loops: repeat statement repetition

Recommended topics to repeat: 3 / 5

ıl Hard   ⵖ 7224   ✓ just now

Maximum element divisible by 4

You have a sequence of natural numbers that do not exceed 30000. Find the maximum element in the sequence divisible by 4. As input, the program first gets the number of elements in the sequence, and then the elements themselves. A sequence always has an element divisible by 4. The number of elements does not exceed 1000. The program should print a single number — the maximum sequence element (number) divisible by 4.

Sample Input 1:

```
12
38
15
36
80
44
12
27
63
88
46
16
49
```

Sample Output 1:

```
88
```

Write a program in Kotlin   ▤ Report a typo

⚡ See hint

Code Editor   IDE ◆+ 100

```kotlin
 1   fun main() {
 2       val n = readLine()!!.toInt()
 3       var max = 0
 4       for (i in 1..n) {
 5           val number = readLine()!!.toInt()
 6           if (number % 4 == 0 && number > max) {
 7               max = number
 8           }
 9       }
10       println(max)
11   }
12
```

[Continue]   [Solve again]   ♀ Code snippets from theory   Solutions (1024)

✓ Correct.

That's an awesome solution! What do you think about showing it off? Post it to Solutions so other learners can enjoy it too.

Your practice is really paying off. Well done!