☆ Delta encoding

Given a list of numbers as input, e.g. :

```
25626 25757 24367 24267 16 100 2 7277
```

Output a delta encoding for the sequence. In a delta encoding, the first element is reproduced as-is. Each subsequent element is represented as the numeric difference from the element before it. E.g. for the sequence above, the delta encoding would be:

```
25626 131 -1390 -100 -24251 84 -98 7275
```

However, if a difference value does not fit in a single signed byte, i.e. -127 <= x <= 127, then, instead of the difference, we would like to use an escape token, printing it.

This will denote that the value following the escape token is a full four-byte difference value, rather than a one-byte difference value.

For this exercise, we'll declare -128 as the escape token.

Following the same example above, the final output would be:

```
25626 -128 131 -128 -1390 -100 -128 -24251 84 -98 -128 7275
```

YOUR ANSWER

We recommend you take a quick tour of our editor before you proceed. The timer will pause up to 90 seconds for the tour. Start tour

For help on how to read input and write output in Java 7, click here.

Original code Java 7

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```
4  import java.math.*;
5  import java.util.regex.*;
6
7  public class Solution {
8      public static void main(String args[] ) throws Exceptio
   {
9          /* Enter your code here. Read input from STDIN. Pri
   output to STDOUT */
10     }
11 }
```

Line: 1 Col: 1

Test against custom input

Run Code Submit code & Continue

(You can submit any number of times)

Download sample test cases *The input/output files have Unix line endings. Do not use Notepad to edit them on windows.*

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