10.5.2018 HackerRank





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Practice > Mathematics > Fundamentals > Special Multiple

Special Multiple ☆

Problem	Submissions	Leaderboard	Discussions	Editorial
You are given a	ın integer <i>N</i> . Can vou fir	nd the least positive integ	ger <i>X</i> made up of only ^o	9's and
_	(is a multiple of <i>N</i> ?		,	
Update				
Xis made up of	f one or more occurenc	es of 9 and zero or more	e occurences of 0.	
Input Format				
The first line co	ontains an integer T whi	ch denotes the number	of test cases. T lines fol	llow.
Each line conta	ins the integer N for wh	ich the solution has to b	e found.	
Output Forma	it			
Print the answe	er X to STDOUT corresp	onding to each test case	. The output should no	t contain
any leading zer	oes.			
Constraints				
1 <= T <= 10 ⁴				
1 <= N <= 500				
Sample Input				
3				
5 7				
1				
Sample Outpu	ıt			
90				
9009 9				
Explanation				
90 is the smalle	est number made up of	9's and 0's divisible by 5	. Similarly, you can deri	ive for
other cases.				
	nelimits for this challeng	ge is given here		

```
Author shashank21j
Difficulty Medium
Max Score 30
Submitted By 3299

NEED HELP?

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MORE DETAILS

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☐ In
```

```
K X 🕸
Current Buffer (saved locally, editable) ょっつ
                                           Java 7
 1 ▼ import java.io.*;
 2 import java.math.*;
 3 import java.text.*;
    import java.util.*;
    import java.util.regex.*;
 5
 6
 7 ▼ public class Solution {
 8
         // Complete the solve function below.
 9
10 ▼
         static String solve(int n) {
```

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```
12
  13
          }
  14
          private static final Scanner scanner = new Scanner(System.in);
  15
  16
  17 🔻
          public static void main(String[] args) throws IOException {
  18
              BufferedWriter bufferedWriter = new BufferedWriter(new
      FileWriter(System.getenv("OUTPUT_PATH")));
  19
  20
              int t = scanner.nextInt();
  21
              scanner.skip("(\r| [\n\r|u2028\u2029\u0085])?");
  22
              for (int tItr = 0; tItr < t; tItr++) {</pre>
  23
                   int n = scanner.nextInt();
  24
                   scanner.skip("(\r\n|[\n\r\u2028\u2029\u0085])?");
  25
  26
                   String result = solve(n);
  27
  28
  29
                   bufferedWriter.write(result);
  30
                   bufferedWriter.newLine();
  31
              }
  32
  33
              bufferedWriter.close();
  34
  35
              scanner.close();
  36
          }
  37
      }
  38
                                                                    Line: 1 Col: 1
                                                                    Submit Code
1 Upload Code as File
                   Test against custom input
                                                    Run Code
```

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