Pizza Hut 2016 Easy Pi Day Problem

The motivation for this problem comes to us courtesy of Pizza Hut National Pi Day Math Contest. The original problem is restated below.

I'm thinking of a ten-digit integer whose digits are all distinct. It happens that the number formed by the first n of them is divisible by n for each n from 1 to 10. What is my number?

In this problem, you will implement the pizzaHut2016EasyPiDayProblem (int d) static method which returns a List<String> of all numbers num, with d digits whose digits are all distinct, such that the first n digits of num are divisible by n ($1 \le n \le d$). You may assume that $1 \le d \le 10$.

Note: you must return these values as a String since the 10 digit number is too large to be stores as an int or an Integer.

The following table shows the result of calls to pizzaHut2016EasyPiDayProblem(1) and pizzaHut2016EasyPiDayProblem(2).

pizzaHut2016EasyPiDAyProblem(1)	"1", "2", "3", "4", "5", "6", "7", "8", "9"
pizzaHut2016EasyPiDAyProblem(2)	"10", "12", "14", "16", "18", "20", "24", "26", "28", "30", "32", "34", "36", "38", "40", "42", "46", "48", "50", "52", "54", "56", "58", "60", "62", "64", "68", "70", "72", "74", "76", "78", "80", "82", "84", "86", "90", "92", "94", "96", "98"

For further clarification:

Consider the following code:

```
List<String> nums3 = PizzaHut2016EasyPiDayProblem(3);
```

Every String in nums 3 has length 3. The String "843" is an element of nums 3 since:

and:

List<String> nums6 = PizzaHut2016EasyPiDayProblem(6);

Every String in nums 6 has length 6. The String "801654" is an element of nums 6 since:

```
8 % 1 == 0
80 % 2 == 0
801 % 3 == 0
8016 % 4 == 0
80165 % 5 == 0
801654 % 6 == 0
```