

# HCI '16 - Pi Digits

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**Time limit:** 10.0s    **Memory limit:** 64M

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Calculate  $\pi$  to  $N$  digits. That's all. :) (really)

## Input Specification

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$N$ : Number of digits of  $\pi$  to compute

## Output Specification

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A single line containing  $N$  non-space separated digits of  $\pi$ , with no decimal point. Do not round the last digit, just truncate it.

## Constraints

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### Subtask 1 [20%]

$N = 800$

### Subtask 2 [20%]

$N = 5\,000$

### Subtask 3 [60%]

$N = 10\,000\,000$

## Sample Input

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```
5
```

## Sample Output

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```
31415
```