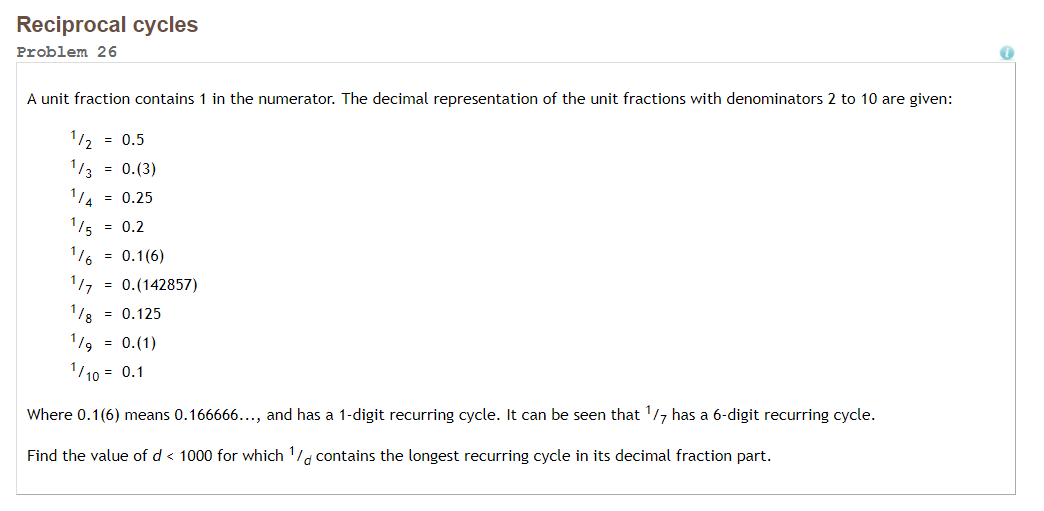
# Euler 26 Development

## Task:

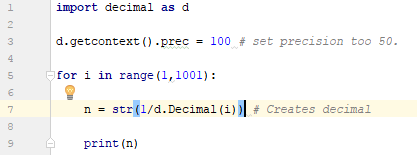


## Approach / Planning:

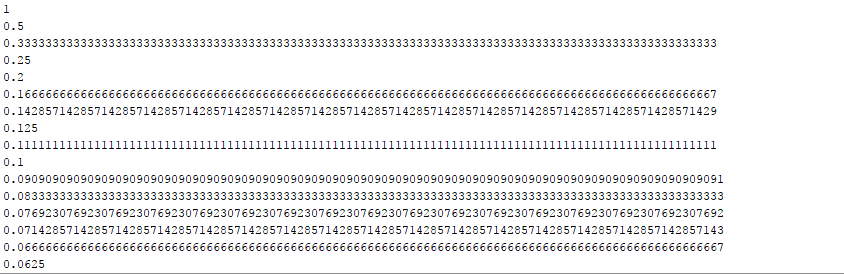
1. Using a For Loop find the decimal of the 1/d.
2. Remove the first digit and decimal point of each 1/d.
3. Using another for loop to loop through numbers 0 to 10 and find all the places each number occurs in the 1/d.
4. If a number occurs at equal spacing between each occurrence throughout the 1/d the length between two occurrences is the length of the reciprocating cycles.
5. Use this method on every 1/d and keep a variable to keep the longest running reciprocating cycle.
6. Print the longest reciprocating cycle.

## Development:

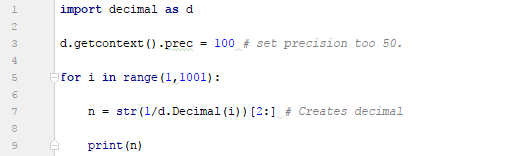
1. Using a For Loop find the decimal of the 1/d.



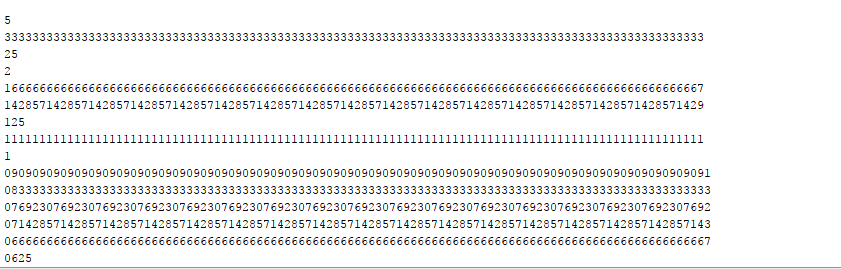
Output:



1. Remove the first digit and decimal point of each 1/d.



Output:



1. Using another for loop to loop through numbers 0 to 10 and find all the places each number occurs in the 1/d.

2356020942408376963350785340314136125654450261780104712041884816753926701570680628272251308900523560209424083769633507853403141361256544502617801047120418848167539267015706806282722513089005235602094240837696335078534031413612565445026178010471204188481675392670157068062827225130890052356020942408376963350785340314136125654450261780104712041884816753926701570680628272251308900523560209424083769633507853403141361256544502617801047120418848167539267015706806282722513089005235602094240837696335079