Q1

* Read an integer N, then do the following
  + If the number is even: **print** the last digit of it
  + If the number is odd: do the following:
    - If number < 1000, **print** last 2 digits
    - If number >= 1000 and number < 1000000, **print** last 4 digits
    - Otherwise, **print** its negative value
* Let's Do It and think: 1) Code 2) Good tests

Testing examples of good coverage

234 🡪 4

157 🡪 57

567169 🡪 7169

1000001 🡪 -1000001

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Q2

* Read an integer X
* Print all numbers that are divisible by 3 from 1 to X.
  + These are 3, 6, 9, 12, 15, 18, ….. (multiple of 3)
* See example for **input** 12 **output**: 3 6 9 12

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Q3

Write a Python program to print the even numbers from a given list

Sample List : [1, 2, 3, 4, 5, 6, 7, 8, 9]

Expected Result : [2, 4, 6, 8]

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Q4

Write a Python function that takes a number as a parameter and check the number is prime or not

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Q5

Write a Python function to calculate the factorial of a number (a non-negative integer). The function accepts the number as an argument

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Q6

Create a function showEmployee() in such a way that it should accept employee name, and it’s salary and display both, and if the salary is missing in function call it should show it as 9000

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Q7

Write a recursive function to calculate the sum of numbers from 0 to 10

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Q8

Write a function calculation() such that it can accept two variables and calculate the addition and subtraction of it.

And also it must return both addition and subtraction in a single return call