

## Module 1: Introduction to Python Assignment - 1

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### Problem Statement:

Consider yourself to be Sam who is a data scientist. He has been invited as a guest lecturer at a college to take an introductory session on Python.

### Tasks to be performed:

1. Create a list containing squares of numbers from 1 to 10 (HINT: use List Comprehension).
  2. Write a Function to check if year number is a leap year.
  3. Write a Function to take an array and return another array that contains the members of first array that are even.
  4. Write a Function that takes 2 arrays and prints the members of first array that are present of second array. (HINT: use Membership Comprehension)
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