1. Write a function called ‘sum\_of\_cubes’, that calculates the sum of cubes of the first n natural numbers:
   1. if we have two numbers: 1, 2 then sum of squares is 9 (1^3 + 2^3)
   2. if we have three numbers: 1, 2, 3 then sum of squares is 36 (1^3 + 2^3 + 3^3)
2. Write a function to calculate the mode (highest frequency) of the following vector:
   1. x = c (2,3,3,4,4,5,6,7,9,10)
3. Write a function to calculate the no. of prime numbers of the following vector:
   1. x = c (2,2,3,3,4,5,7,11,15,19,24,29)