**Modules & Functions Assignment 1**

1. Use a built-in module to calculate in functions ‘power(x,y)’ and ‘sroot(x)’ where the functions return values x to the power of y and square root of x respectively.
2. Use itertools built-in module to get the list of all possible 3-length tuples with no repeated elements from ‘ABCDE’. (ex - tuple of length 3 : ('A', 'B', ’C’) )
3. Write a function that takes a list and returns a new list with unique elements of the first list.
4. Write a function addition() such that it can accept a variable length of arguments and print the sum of the arguments.
5. Write a function func1(x,y) which returns the list of all the even numbers between x to y.
6. Write a recursive function that takes a number ‘n’ and returns the nth number of the Fibonacci number.
7. Use lambda function in getEvenNumbers() function which returns a list of even numbers filtered from the given list.