**Assignment-12(Lambda)**

1. Write a Python program to create a function that takes one argument, and that argument will be multiplied with an unknown given number.  
   Sample Output:  
   Double the number of 15 = 30  
   Triple the number of 15 = 45  
   Quadruple the number of 15 = 60  
   Quintuple the number 15 = 75
2. Write a Python program to sort a list of tuples using Lambda.  
   Original list of tuples:  
   [('English', 88), ('Science', 90), ('Maths', 97), ('Social sciences', 82)]  
   Sorting the List of Tuples:  
   [('Social sciences', 82), ('English', 88), ('Science', 90), ('Maths', 97)]
3. Write a Python program to sort a list of dictionaries using Lambda.   
   Original list of dictionaries :  
   [{'make': 'Nokia', 'model': 216, 'color': 'Black'}, {'make': 'Mi Max', 'model': '2', 'color': 'Gold'}, {'make': 'Samsung', 'model': 7, 'color': 'Blue'}]  
   Sorting the List of dictionaries :  
   [{'make': 'Nokia', 'model': 216, 'color': 'Black'}, {'make': 'Samsung', 'model': 7, 'color': 'Blue'}, {'make': 'Mi Max', 'model': '2', 'color': 'Gold'}]
4. Write a Python program to filter a list of integers using Lambda.   
   Original list of integers:  
   [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]  
   Even numbers from the said list:  
   [2, 4, 6, 8, 10]  
   Odd numbers from the said list:  
   [1, 3, 5, 7, 9]
5. Write a Python program to square and cube every number in a given list of integers using Lambda.  
   Original list of integers:  
   [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]  
   Square every number of the said list:  
   [1, 4, 9, 16, 25, 36, 49, 64, 81, 100]  
   Cube every number of the said list:  
   [1, 8, 27, 64, 125, 216, 343, 512, 729, 1000]
6. Write a Python program to create Fibonacci series upto n using Lambda.    
   Fibonacci series upto 2:  
   [0, 1]  
   Fibonacci series upto 5:  
   [0, 1, 1, 2, 3]  
   Fibonacci series upto 6:  
   [0, 1, 1, 2, 3, 5]  
   Fibonacci series upto 9:  
   [0, 1, 1, 2, 3, 5, 8, 13, 21]