**Lab: Lambda**

**1.** Write a Python program to create a lambda function that adds 15 to a given number passed in as an argument, also create a lambda function that multiplies argument x with argument y and print the result.    
**Sample Output:**25  
48  
**2.** 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  
**3.** 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)]  
**4.** 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'}]