# Solution for Session 6

#### TASK 4:

Write a Python function to find the Max of three numbers

**def** max\_of\_two( x, y ):  
 **if** x > y:  
 **return** x  
 **return** y  
**def** max\_of\_three( x, y, z ):  
 **return** max\_of\_two( x, max\_of\_two( y, z ) )  
print(max\_of\_three(3, 6, -5))

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#### TASK 5:

Write a Python function to check whether a number falls in a given range

**def** test\_range(n):  
 **if** n **in** range(3,9):  
 print( " %s is in the range"%str(n))  
 **else** :  
 print("The number is outside the given range.")  
test\_range(5)

5 is in the range



#### TASK 6:

Write a Python program to print even numbers from a given list

**def** is\_even\_num(l):  
 enum = []  
 **for** n **in** l:  
 **if** n % 2 == 0:  
 enum.append(n)  
 **return** enum  
print(is\_even\_num([1, 2, 3, 4, 5, 6, 7, 8, 9]))

[2, 4, 6, 8]



#### TASK 7:

Write a program to create function calculation() such that it can accept two variables and calculate addition and subtraction. Also, it must return both addition and subtraction in a single return call.

**def** calculation(a, b):  
 **return** a+b, a-b  
  
res = calculation(40, 10)  
print(res)

(50, 30)



#### TASK 8:

write a code to find the function to check whether x is even or odd

*# A simple Python function to check*  
*# whether x is even or odd*  
  
  
**def** evenOdd(x):  
 **if** (x % 2 == 0):  
 print("even")  
 **else**:  
 print("odd")  
  
  
*# Driver code to call the function*  
evenOdd(33)  
evenOdd(3)

odd  
odd