**Part B: Code Coverage**

0 def myfunc(x):   
1   y = 0  
2   if x == 10:   
3      return False  
4   elif y >= 1:  
5      raise True  
6   else:  
7      print('It does not work')   
8   if x < 0:  
9      y = -x  
10   return 0

***ANSWER:***

Maximum Statement Coverage = 9/10

***Solution:***

Total lines in the function = 10

If x = 10:

0 def myfunc(x):   
1   y = 0  
2   if x == 10:   
3      return False  
4   elif y >= 1:  
5      raise True  
6   else:  
7      print('It does not work')   
8   if x < 0:  
9      y = -x  
10   return 0

If x = -1:

0 def myfunc(x):   
1   y = 0  
2   if x == 10:   
3      return False  
4   elif y >= 1:  
5      raise True  
6   else:  
7      print('It does not work')   
8   if x < 0:  
9      y = -x  
10   return 0

In summary all the lines of code are executed except for the “raise True” in line 5 since the value of y is never greater than or equal to 1 as we do not work with y before the appearance of the line of code. Hence, it would run line 4 to check the value of y but will always return a False for the condition. Therefore, we get a statement coverage of 9/10.