1. Make me a while loop that counts from 10 down to 3, including the 10 and 3.
2. What does this print?  
   a = [1,2,3]  
   b = [4,5,6]  
   for c in a:  
    print(c)
3. What does this print?  
   a = [10,11,12,13]  
   print(a[2])
4. What does this print?  
   a = [10,11,12,13]  
   print(a[-2])
5. What does this print?  
   a = [10,11,12,13]  
   print(a[2:])
6. Write me a bit of code that prints “Yes” if 11 is in the list ‘a’.
7. Write me a bit of code that prints 1,4,9,16,25,36,49,64,81,100 (i.e. the squares of 1…10). Use a loop.
8. Write one line of code that removes 13 from the list. The thing below should print [10,11,12,14,15]  
   a = [10,11,12,13,14,15]  
     
     
   print(a)
9. (valid/error) Is this a valid list, or an error?  
   a = [1,2,”three”, 4, True, 6]
10. X was a colony of Y. Pick any two nations for which this was true.