

CS532 Homework 4- Question 2 Sanity Check

Archana Machireddy

Question 2

```
def version1(a1,a2,x,y,seq):  
    n = len(a1)  
    m = len(a2)  
  
    if x == n-1 and y == m-1:  
        print(seq)  
        return  
  
    if x == n-1:  
        version1(a1,a2,x,y+1,seq+'|')  
        return  
  
    if y == m-1:  
        version1(a1,a2,x+1,y,seq+'-')  
        return  
  
    version1(a1,a2,x+1,y,seq+'-')  
    version1(a1,a2,x,y+1,seq+'|')  
    version1(a1,a2,x+1,y+1,seq+'\\')
```