**Math 314**

**Constructing base b expansions**

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**def** exp(x,y):  
 z = x  
 k = 0  
 a = []  
   
 **while** q != 0:  
 a.append(z % y)  
 z = z / y  
 k += 1  
  
 **return** a  
  
print(exp(8,6))

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