

Jan 23, 18 15:20	asn1	Page 1/2
<pre>// This is my work // Broc Burger // CS366 Original Trace for each row r = Monday, Tuesday, Wednesday for each column c = Sandy then Squidward for each index k = 1, 2, 3 product[r,c] += usage[r,k] x costs[k,c] product[Monday][Sandy] += 8*1.99 //k=1 product[Monday][Sandy] += 1*2.99 //k=2 product[Monday][Sandy] += 10*0.50 //k=3 product[Monday][Squidward] += 8*1.50 //k=1 product[Monday][Squidward] += 1*4.50 //k=2 product[Monday][Squidward] += 10*0.60 //k=3 product[Tuesday][Sandy] += 2*1.99 //k=1 product[Tuesday][Sandy] += 9*2.99 //k=2 product[Tuesday][Sandy] += 6*0.50 //k=3 product[Tuesday][Squidward] += 2*1.50 //k=1 product[Tuesday][Squidward] += 9*4.50 //k=2 product[Tuesday][Squidward] += 6*0.60 //k=3 product[Wednesday][Sandy] += 3*1.99 //k=1 product[Wednesday][Sandy] += 4*2.99 //k=2 product[Wednesday][Sandy] += 3*0.50 //k=3 product[Wednesday][Squidward] += 3*1.50 //k=1 product[Wednesday][Squidward] += 4*4.50 //k=2 product[Wednesday][Squidward] += 3*0.60 //k=3 Patrick Trace for each column c = Sandy then Squidward for each row r = Monday, Tuesday, Wednesday for each index k = 1, 2, 3 product[c,r] += usage[r,k] x costs[k,c] product[Sandy][Monday] += 1.99*8 //k=1 product[Sandy][Monday] += 2.99*1 //k=2 product[Sandy][Monday] += .50*10 //k=3 product[Squidward][Monday] += 1.50*8 //k=1 product[Squidward][Monday] += 4.50*1 //k=2 product[Squidward][Monday] += .60*10 //k=3 product[Sandy][Tuesday] += 1.99*1 //k=1 product[Sandy][Tuesday] += 2.99*9 //k=2 product[Sandy][Tuesday] += .50*6 //k=3 product[Squidward][Tuesday] += 1.50*1 //k=1 product[Squidward][Tuesday] += 4.50*9 //k=2 product[Squidward][Tuesday] += .60*6 //k=3 product[Sandy][Wednesday] += 1.99*3 //k=1 product[Sandy][Wednesday] += 2.99*4 //k=2 product[Sandy][Wednesday] += .50*3 //k=3 product[Squidward][Wednesday] += 1.50*3 //k=1 product[Squidward][Wednesday] += 4.50*4 //k=2 product[Squidward][Wednesday] += .60*3 //k=3 SpongeBob Trace for each row r = Monday, Tuesday, Wednesday for each index k = 1,2,3 for each column c = Sandy, Squidward product[r,k] += usage[r,k] x costs[k,c] product[Monday][1] += 8*1 //c=Sandy product[Monday][2] += 1*2 //c=Sandy product[Monday][3] += 10*3 //c=Sandy product[Monday][1] += 8*1 //c=Squidward product[Monday][2] += 1*2 //c=Squidward</pre>		

Jan 23, 18 15:20	asn1	Page 2/2
<pre>product[Monday][3] += 10*3 //c=Squidward product[Tuesday][1] += 2*1 //c=Sandy product[Tuesday][2] += 9*2 //c=Sandy product[Tuesday][3] += 6*3 //c=Sandy product[Tuesday][1] += 2*1 //c=Squidward product[Tuesday][2] += 9*2 //c=Squidward product[Tuesday][3] += 6*3 //c=Squidward product[Wednesday][1] += 3*1 //c=Sandy product[Wednesday][2] += 4*2 //c=Sandy product[Wednesday][3] += 3*3 //c=Sandy product[Wednesday][1] += 3*1 //c=Squidward product[Wednesday][2] += 4*2 //c=Squidward product[Wednesday][3] += 3*3 //c=Squidward Looking at each algorithm I only understood the original and patricks trace, so I believe the original is the best opiton. Mr. Crabs should order from Squidward on Monday because Squidwards product is \$2 2.50 and Sandys is \$23.91 On Tuesday He should order from Sandy because her product is \$33.89 and Squidwar ds is \$47.10. On Wednesday He should order from Sandy becasue her product is \$19.43 and Squidw ards is \$24.30</pre>		