Chimie 1	Course	CS312 Al-Lab	Instructor: Prof	. Kedar		Total: 100				
Ordine 1	Online Batch		Members	mbers	Tour Lengths for Test cases					
Online 2	Group Number	Roll Number	Roll Number	Roll Number	euc_100	euc_250	euc_500	neucl_100	neuc_250	neuc_500
Common Separations Separ										
Chaine 1 100010006 100010002 100010002 100010003 100010006 100010000 1000100003 100010006 1000100003 1000100003 1000100000 10001000003 1000100000 10001000000 1000100000 10001000										
Omine 6 100010000		400040000	40002002		4000 0000	2727 0000	0745 4500	5007 5570	14404 5440	25505.0402
Common 1900/10006 1900/10002 1909/10002 1909/10003 1909/10										35595.8102
Comine 1			1							25272.2425 27067.6765
Comine 8 190010000 1900100031 1914-09071 2009-09041 3000-09152 3228-42349 1222-12079 2000-09160 190000003 190000004 1900-09071 1900-09071 1200-09072 1900-09077 1900-090										27127.7405
Comine 0										25352.3039
Comine 10										27230.1532
Comine 12 1900;100072 1900;100024 1798,00073 2004,0009 3738,0005 5227,1720 12914,7485 2270,00007 3191,0000702 1900;10004 1799,00070 3191,020015 3390,00070 3190,000071 1900;00040 1900;00040 1798,00070 3191,020015 3390,00070 3006,00070 1900;00040				190030024	1603.54					25377.5
Contine 14 190010029		190010004								25563.5391
Commine 14 1902(20072 190010046 1774 002075 313 128215 4771 0377835 5053 39771 1955 5-94016 3138	Online 12	190010007	190010024		1586.5049	2706.2943	3734.8955	5237.1729	12914.785	25649.0085
Comine 19 1990/10040 1990/10041 1935/5948 2890/6866 3964/2027 3386/1207 5280/5388 1290/58205 313	Online 13	190010029	190010034		1636.3703	2964.398	8309.8675	5299.0097	13193.4048	27667.6284
Comine 16 190010040 190010020 1916.8744 2721.0027 3887.612 5260.382 12206.8205 3131.0000007 190010028 190010028 190010028 190010028 190010028 190010028 190010028 190010028 190010028 120010029 1764.3224 4766.904 12189.4453 5321.4575 13661.0476 2	Online 14	190020012	190010045		1784.002675	3131.928315	4719.376351	6053.959711	15535.54019	31398.61259
Combine 17 1900/300/07 1900/300/08 1900/300/3 1	Online 15	190010040	190010041		1635.9948	2840.4696	3964.2027	5306.5323		
Omline 18 1900110026 1900110036 190010037 1900110032 1900110032 1900110032 1900110032 1900110033 1900110034 1900110033 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110038 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110034 1900110035 1900110035 1900110035 1900110035 1900110035 1900110035 1900110035 1900110035 1900110036 1900110037 1900110036 1900110036 1900110037 1900110036 1900110037 1900110036 1900110036 1900110037 1900110036 1900110037 1900110036 1900110036 1900110036 1900110036 1900110036 1900110036 1900110037 1900110036 1900110	Online 16	190010044	190010020		1616.6744	2721.0027	3987.612		12905.8205	31358.7274
Comine 29 1900100023 190010027 1907 1246 2808.134 4446.947 5106.5869 12782.8751 222			190030026		1612.60361	2610.11909		5293.23029	13198.3566	33627.07324
Online 20				190030043						26855.9351
Comline 21 190010013 190010028 1734 3294 4786 9054 12159 4453 5321 4575 19061 0476 2806 17061 1476 1										25299.7082
Combine 22 1900,00005 1900,00005 1902,0000 1902,1998 3286,1465 4736,433 5665,7436 13912,3387 2741 2										29066.2
Comline 23		190010043			1734.3234	4786.9054	12159.4453	5321.4575	13661.0476	28683.2223
Colline 25		400000								
Confine 25 190010012 190010039 1942.1598 3286.1465 4736.433 5683.7496 13812.3387 2746.0716 274					1000.44	2724.0	2016.00	E00F 0	12075	25373.9
Conline 26										
Conline 27					1942.1598	3280.1405	4736.433	5003.7430	13812.3387	27492.9815
Colline 28					1577 357461	2717 91443	3890 902308	5286 076537	12886 43315	27149.5936
Comine 30										31396.92667
Chailine 30			130010010							48671.80155
Online 31 190020015 190020006 1623.823817 2711.895503 3964.209716 5261.567702 12868.81709 2856. Online 32 190020018 1900100037 1879.332461 2856.596273 3865.204783 5278.65902 12860.6934 2538. Online 34 190010035 190010042 1573.779652 2642.652388 4008.040606 5283.053583 13029.87518 2529. Online 36 190020013 190020025 oup does not exist Online 37 190010038 190010010 1582.23374 2533.45041 3552.583979 5212.526828 12756.1173 2530. Online 37 190010038 190010010 1582.23374 2533.45041 3552.583979 5212.526828 12756.1173 2530. Online 37 190010038 190010010 1582.33362 271.0562.0562.0562.0562.0562.0562.0562.0562			190020008	roup does not exis		2, 00,00 ,20	00.0.01.1200	02. 0.000002	.2000.0.00.	1007 1.00 100
Online 32 190030015 190030034 1704,88386 2766,605101 386,6204783 \$278,650052 12860,60934 2588, Online 34 190010035 190010037 1879,332461 2865,68427 3982,300461 533,9062312 13004,17904 2548, Online 35 190020014 190020035 0up does not exist Online 35 190020014 190020035 0up does not exist Online 37 190010038 190010010 1588,223374 2533,945041 3552,583979 5212,526828 12756,1173 25300, Online 38 190010010 1588,223374 2533,945041 3552,583979 5212,526828 12756,1173 25300, Online 38 19001002 190010025 2137,388175 3059,99635 5487,280268 13079,19884 12750,00000000000000000000000000000000000				oup dood not oxid		2711.895503	3954.209716	5261.567792	12868.81789	28569.08225
Online 33										25380.50323
Online 35									-	25487.04945
Online 36	Online 34	190010035	190010042		1573.779652	2642.652388	4008.040606	5283.053583	13029.87518	26290.62815
Online 37	Online 35	190020014	190020035	roup does not exis	st					
Online 38 190010002 190010025 2137.388175 3050.996536 5487.280268 13079.19884 Offline Batch 1 200010036 200010037 1634.177149 2761.408562 3847.374204 5441.809259 13486.03621 266 2 200010039 200010041 1622.438508 2741.096087 3933.603678 5238.818225 12800.63001 268 3 200010034 200010004 2686.83777 2587.306881 3694.441234 5286.8489022 12834.22398 2533 5 200010004 200010043 1603.645145 3493.996921 4776.26927 5266.480075 15890.36993 32107 6 200010002 200010016 1690.462734 3293.286409 4800.268678 6129.738862 15829.64755 3175 8 200010029 200010033 1888.899896 3651.83598 36481.27236 5521.399586 13623.42794 561 9 20001006 200010047 1588.499513 2771.231949 4777.444456 5250.414447 15360.	Online 36	190020013	190020026	roup does not exis	st					
1 200110036 2000110037 1634.177149 2761.408562 3847.372204 5441.809259 13486.03621 288 2 2000110039 2000110020 1663.023717 2567.309681 3649.441234 5268.489032 12834.22398 2533 2000110034 2000110004 2808.834771 2803.793865 2834.186202 2858.563296 2771.404875 2823. 5 2000110044 2000110043 1603.645145 3493.996921 4776.26927 5266.480075 15890.36993 32107 2000110002 2000110012 2000110015 2000110016 1690.462734 3293.286409 4900.268678 6129.738862 15829.64755 31756.88 2000110029 2000110033 1889.899469 3651.83598 36481.27238 5521.399586 13623.42794 567.990011006 2000110040 1778.092292 5641.821777 200011006 2000110040 1778.092292 5641.821777 200011006 2000110040 1778.092292 5641.821777 200011006 2000110040 1778.092292 5641.821777 200011006 2000110040 1788.092292 5641.821777 200011006 2000110047 1588.489513 2771.231949 4777.444458 5250.414447 15360.80756 31392.4214 2000110016 2000110071 1603.189842 2771.111654 4399.989162 5259.203816 1377.79698 13494 1392.0001104 20001104 2000110026 1639.042179 2899.508802 4118.550292 5390.488505 13825.50691 2756.1444 200010026 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 225357 1590.00086 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 225357 1590.00008 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 225357 1590.00008 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 225357 1590.00008 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25357 1590.00008 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25357 1590.00008 2000110055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25357 1590.00008 2000110055 1572.433964 2529.242805 3606.55	Online 37	190010038	190010010		1588.223374	2533.945041	3552.583979	5212.526828	12756.1173	25306.63053
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2 200010039 200010041 1622.438508 2741.096087 3933.603678 5238.818225 12800.63001 2684 3 200010034 200010004 1563.023717 2587.309681 3649.441234 5268.489032 12834.22398 2533 4 200010034 200010004 2808.834771 2803.793865 2834.186202 2856.563295 27771.404875 2823. 5 200010044 200010043 1603.645145 3493.996921 4776.25927 5266.480075 15890.36993 32210 6 200010002 200010012		Offline	Batch							
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5 200010044 200010012 1603.645145 3493.996921 4776.26927 5266.480075 15890.36993 32107 6 200010002 200010012 1 1 20001002 200010029 200010029 200010033 1889.899469 3691.83598 36481.27238 5521.399586 13623.42794 567 9 200010006 200010040 1788.092292 5641.521777 5641.521777 5661.20738662 13623.42794 567 10 200010046 200010047 1588.499513 2771.231949 4777.444488 5250.414447 15360.80756 31393 11 200010010 200010017 1603.198242 2771.1111644 4376.998162 5259.203815 13577.79698 31494 13 200010014 200010026 1639.042179 2890.506802 4118.550292 5390.468505 13825.50691 275 14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 2623 15 20010028 200010050										25359.1361
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10 200010046 200010047 1588.489513 2771.231949 4777.444458 5250.414447 15360.80756 31392 11 200010051 200020008 1599.468753 2600.521257 3756.348739 5276.228291 12818.78155 25382 12 200010010 200010017 1603.198242 2771.111654 4376.998162 5259.203815 13577.79698 31494 13 200010014 200010020 1639.042179 2890.506802 4118.550292 5390.468505 13825.50691 2756 14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 26236 15 200010048 200010055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25351 16 200010028 200010050 1629.704262 2724.131607 3839.505926 5238.730777 12854.87117 25483 17 200010045 2000100025 1591.40119 11215.80334 28222.74817 5444.76224 15966.462						3051.83598	30481.27238		13623.42794	56745.008
11 200010051 200020008 1599.468753 2600.521257 3756.348739 5276.228291 12818.78155 25382 12 200010010 200010017 1603.198242 2771.111654 4376.998162 5259.203815 13577.79698 31494 13 200010014 200010026 1639.042179 2890.506802 4118.550292 5390.468505 13825.50691 2750 14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 2623 15 200010048 200010055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 2535 16 200010028 200010050 1629.704262 2724.131607 3839.505926 5238.730777 12854.87117 25481 17 200010045 200010025 1591.40119 11215.80334 28222.74817 5444.76224 15966.46234 42966 18 200010054 200010003 1626.12791 2745.89302 4111.741794 5257.001363 12885.0155 <td></td> <td></td> <td></td> <td></td> <td></td> <td>2774 224040</td> <td>A777 AAAAE0</td> <td></td> <td>15360 90756</td> <td>24202 02002</td>						2774 224040	A777 AAAAE0		15360 90756	24202 02002
12 200010010 200010017 1603.198242 2771.111654 4376.998162 5259.203815 13577.79698 31499 13 200010014 200010026 1639.042179 2890.506802 4118.550292 5390.468505 13825.50691 2750 14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 26230 15 200010048 200010055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25357 16 200010028 200010050 1629.704262 2724.131607 3839.505926 5238.730777 12854.87117 25481 17 200010045 200010025 1591.40119 11215.80334 28222.74817 5444.76224 15966.46234 42966 18 20010054 200010009 1626.12791 2745.89302 4111.741794 5257.001363 12885.0155 31464 19 200010008 2001001 1653.325416 2839.066874 3934.36945 5127.111765 12787.35159									-	31392.82006 25382.58241
13 200010014 200010026 1639.042179 2890.506802 4118.550292 5390.468505 13825.50691 2750 14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 26230 15 200010048 200010055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25357 16 200010028 200010050 1629.704262 2724.131607 3839.505926 5238.730777 12854.87117 25481 17 200010045 200010025 1591.40119 11215.80334 28222.74817 5444.76224 15966.46234 42966 18 200010054 200010009 1626.12791 2745.89302 4111.741794 5257.001363 12885.0155 31464 19 200010008 200010031 1653.325416 2839.066874 3934.36945 5127.111765 12787.35159 25313 20 200030056 200010042 16848.254392 2739.786132 4094.021135 5284.095967 12937.45635 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>31494.50425</td>										31494.50425
14 200020049 200020007 1593.71445 2575.735185 3755.431615 5303.707699 12986.19173 26230 15 200010048 200010055 1572.433964 2529.242805 3606.552319 5269.927785 12816.48131 25367 16 200010028 200010050 1629.704262 2724.131607 3839.505926 5238.730777 12854.87117 25481 17 200010045 200010025 1591.40119 11215.80334 28222.74817 5444.76224 15966.46234 42966 18 200010054 200010009 1626.12791 2745.89302 4111.741794 5257.001363 12885.0155 31464 19 200010008 200010031 1653.325416 2839.066874 3934.36945 5127.111765 12787.35159 25313 20 200030056 200010042 1648.254392 2739.786132 4094.021135 5284.095967 12937.45635 31325 21 200010021 200010030 1685.459046 2729.310446 4194.193034 5256.908557 12916.19585 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>27507.6356</td>										27507.6356
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Best Tour: 1543.03622 2514.181306 2745.1526 2858.563295 2771.404875 2823.				Best Tour:	1543.03622	2514.181306	2745.1526	2858.563295	2771.404875	2823.889726