

Name: Qiran Li

Uni: 9(239)

P1

a) $t=10$

	index	wt	Team_Name
466	467	0.012812	NorthCentral
326	327	0.012578	LSU
436	437	0.011511	Morningside
744	745	0.011088	Wheaton
405	406	0.009633	MinnSt-Mankato
440	441	0.009507	Muhlenberg
492	493	0.009241	OhioState
679	680	0.009165	UW-Whitewater
468	469	0.009137	NorthDakotaSt
135	136	0.008941	Clemson
726	727	0.008785	WestFlorida
367	368	0.008515	MarianIN
606	607	0.008488	StJohnsMN
438	439	0.007653	MountUnion
212	213	0.007122	FerrisSt
252	253	0.007114	GrandView
243	244	0.007013	Georgia
374	375	0.006778	MaryHardin-Baylor
340	341	0.006163	Lenoir-Rhyne
575	576	0.006088	SlipperyRock
501	502	0.005900	Oregon
175	176	0.005840	DelawareValley
303	304	0.005666	JamesMadison
690	691	0.005544	ValdostaSt
217	218	0.005437	Florida

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	index	wt	Team_Name
326	327	0.043642	LSU
744	745	0.025822	Wheaton
466	467	0.024442	NorthCentral
135	136	0.023704	Clemson
492	493	0.022688	OhioState
436	437	0.022621	Morningside
243	244	0.017165	Georgia
606	607	0.014990	StJohnsMN
726	727	0.013367	WestFlorida
5	6	0.012917	Alabama
679	680	0.012836	UW-Whitewater
217	218	0.012440	Florida
440	441	0.011238	Muhlenberg
501	502	0.010530	Oregon
39	40	0.010021	Auburn
495	496	0.010012	Oklahoma
405	406	0.009752	MinnSt-Mankato
367	368	0.009583	MarianIN
510	511	0.009534	PennState
690	691	0.008894	ValdostaSt
340	341	0.008870	Lenoir-Rhyne
760	761	0.008019	Wisconsin
485	486	0.007866	NotreDame
407	408	0.007532	Minnesota
252	253	0.007521	GrandView

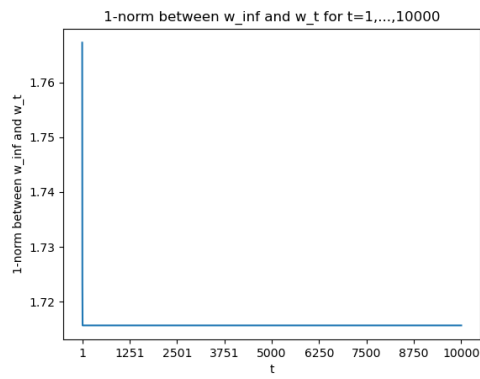
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	index	wt	Team_Name
326	327	0.084419	LSU
135	136	0.045527	Clemson
492	493	0.043452	OhioState
243	244	0.032720	Georgia
5	6	0.024679	Alabama
217	218	0.023696	Florida
501	502	0.019266	Oregon
39	40	0.019037	Auburn
495	496	0.018703	Oklahoma
510	511	0.017974	PennState
760	761	0.015165	Wisconsin
485	486	0.014647	NotreDame
407	408	0.014201	Minnesota
54	55	0.012704	Baylor
393	394	0.012045	Michigan
686	687	0.011703	Utah
385	386	0.011663	Memphis
296	297	0.011006	Iowa
26	27	0.010923	AppalachianSt
637	638	0.010187	Texas
468	469	0.009224	NorthDakotaSt
445	446	0.009071	Navy
640	641	0.008933	TexasA&M
75	76	0.008306	BoiseSt
311	312	0.007334	KansasSt

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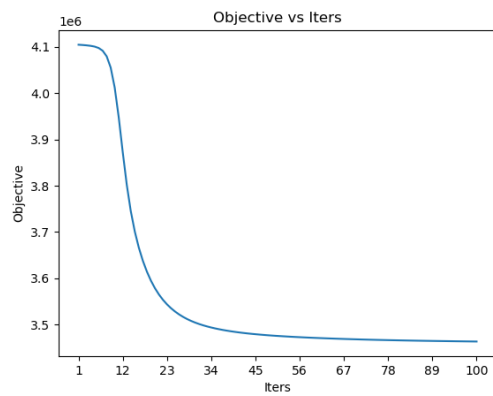
	index	wt	Team_Name
326	327	0.091366	LSU
135	136	0.049262	Clemson
492	493	0.047009	OhioState
243	244	0.035382	Georgia
5	6	0.026695	Alabama
217	218	0.025624	Florida
501	502	0.020779	Oregon
39	40	0.020582	Auburn
495	496	0.020202	Oklahoma
510	511	0.019429	PennState
760	761	0.016392	Wisconsin
485	486	0.015820	NotreDame
407	408	0.015347	Minnesota
54	55	0.013716	Baylor
393	394	0.013023	Michigan
686	687	0.012617	Utah
385	386	0.012590	Memphis
296	297	0.011894	Iowa
26	27	0.011792	AppalachianSt
637	638	0.011003	Texas
445	446	0.009785	Navy
468	469	0.009717	NorthDakotaSt
640	641	0.009658	TexasA&M
75	76	0.008943	BoiseSt
311	312	0.007916	KansasSt

b)



P₂

a)



6)

<div>0</div> <div>weight word</div> <div>145 0.017596 news</div> <div>370 0.017392 letter</div> <div>485 0.017136 article</div> <div>70 0.013547 write</div> <div>532 0.013343 newspaper</div> <div>22 0.012215 report</div> <div>563 0.012040 reporter</div> <div>80 0.011977 question</div> <div>18 0.011545 tell</div> <div>259 0.011460 interview</div>	<div>1</div> <div>weight word</div> <div>7 0.021899 city</div> <div>121 0.021216 building</div> <div>149 0.013296 build</div> <div>102 0.012812 area</div> <div>330 0.012702 resident</div> <div>82 0.009580 house</div> <div>219 0.009466 site</div> <div>220 0.009323 community</div> <div>179 0.009118 local</div> <div>237 0.008978 street</div>	<div>2</div> <div>weight word</div> <div>101 0.014853 book</div> <div>21 0.012414 life</div> <div>290 0.011441 editor</div> <div>70 0.011318 write</div> <div>562 0.008786 writer</div> <div>45 0.008000 world</div> <div>192 0.007767 history</div> <div>695 0.007088 author</div> <div>6 0.006838 man</div> <div>19 0.006563 woman</div>	<div>3</div> <div>weight word</div> <div>31 0.020602 thing</div> <div>87 0.015265 feel</div> <div>99 0.014004 lot</div> <div>42 0.013420 ask</div> <div>18 0.013129 tell</div> <div>187 0.012624 really</div> <div>222 0.009701 happen</div> <div>21 0.009443 life</div> <div>335 0.008797 learn</div> <div>115 0.008629 young</div>	<div>4</div> <div>weight word</div> <div>27 0.012125 issue</div> <div>209 0.010556 require</div> <div>137 0.010016 decision</div> <div>353 0.009648 proposal</div> <div>32 0.009528 member</div> <div>48 0.009169 law</div> <div>109 0.008618 allow</div> <div>377 0.008341 committee</div> <div>569 0.008269 approve</div> <div>8 0.008242 plan</div>
<div>5</div> <div>weight word</div> <div>17 0.024578 case</div> <div>162 0.022081 lawyer</div> <div>126 0.021593 court</div> <div>88 0.017651 charge</div> <div>48 0.015748 law</div> <div>313 0.015142 judge</div> <div>477 0.011267 legal</div> <div>404 0.010808 trial</div> <div>443 0.010188 file</div> <div>496 0.009909 investigation</div>	<div>6</div> <div>weight word</div> <div>100 0.015540 drug</div> <div>139 0.014371 study</div> <div>352 0.012484 doctor</div> <div>202 0.012674 health</div> <div>389 0.011565 patient</div> <div>539 0.011554 medical</div> <div>254 0.010823 cause</div> <div>785 0.010346 treatment</div> <div>932 0.008012 disease</div> <div>22 0.007972 report</div>	<div>7</div> <div>weight word</div> <div>39 0.017678 pay</div> <div>49 0.016957 money</div> <div>13 0.014374 program</div> <div>2 0.013896 state</div> <div>86 0.013817 cost</div> <div>257 0.013078 budget</div> <div>134 0.012890 tax</div> <div>1 0.011976 percent</div> <div>91 0.011262 cut</div> <div>93 0.010141 increase</div>	<div>8</div> <div>weight word</div> <div>494 0.018962 ticket</div> <div>670 0.015446 tour</div> <div>130 0.014276 room</div> <div>287 0.012566 event</div> <div>129 0.011690 free</div> <div>474 0.011358 club</div> <div>782 0.011226 band</div> <div>574 0.010945 feature</div> <div>163 0.010151 information</div> <div>538 0.009725 weekend</div>	<div>9</div> <div>weight word</div> <div>5 0.026645 game</div> <div>3 0.019815 play</div> <div>40 0.018690 win</div> <div>28 0.015838 team</div> <div>25 0.014964 second</div> <div>53 0.013649 season</div> <div>103 0.012650 player</div> <div>292 0.011034 victory</div> <div>228 0.010269 score</div> <div>14 0.009259 point</div>
<div>10</div> <div>weight word</div> <div>67 0.031591 police</div> <div>258 0.022003 kill</div> <div>6 0.020886 man</div> <div>211 0.015021 death</div> <div>169 0.013625 officer</div> <div>558 0.010795 arrest</div> <div>268 0.010548 fire</div> <div>630 0.010507 victim</div> <div>405 0.010159 crime</div> <div>458 0.010087 shoot</div>	<div>11</div> <div>weight word</div> <div>3 0.017750 play</div> <div>138 0.016504 music</div> <div>184 0.014995 film</div> <div>275 0.011410 performance</div> <div>515 0.011248 audience</div> <div>321 0.011089 movie</div> <div>445 0.009095 stage</div> <div>364 0.008783 production</div> <div>55 0.008754 director</div> <div>523 0.008686 theater</div>	<div>12</div> <div>weight word</div> <div>9 0.046750 school</div> <div>218 0.038343 father</div> <div>58 0.037266 student</div> <div>171 0.030001 mrs</div> <div>324 0.027436 son</div> <div>433 0.025266 graduate</div> <div>459 0.024511 daughter</div> <div>252 0.022770 mother</div> <div>294 0.017964 parent</div> <div>20 0.017817 child</div>	<div>13</div> <div>weight word</div> <div>291 0.029731 contract</div> <div>28 0.020861 team</div> <div>143 0.017568 sign</div> <div>293 0.015681 manager</div> <div>66 0.014896 job</div> <div>520 0.011964 agent</div> <div>103 0.011567 player</div> <div>278 0.010971 union</div> <div>53 0.010476 season</div> <div>641 0.010315 baseball</div>	<div>14</div> <div>weight word</div> <div>1 0.023535 percent</div> <div>47 0.014971 price</div> <div>34 0.014722 market</div> <div>152 0.014346 rise</div> <div>97 0.013277 rate</div> <div>388 0.012569 economy</div> <div>93 0.011405 increase</div> <div>110 0.010947 low</div> <div>98 0.010490 fall</div> <div>284 0.009649 economic</div>
<div>15</div> <div>weight word</div> <div>75 0.019764 political</div> <div>132 0.018650 campaign</div> <div>120 0.014152 party</div> <div>150 0.013836 vote</div> <div>253 0.013829 republican</div> <div>216 0.013344 election</div> <div>319 0.013335 candidate</div> <div>84 0.011938 leader</div> <div>383 0.011144 democratic</div> <div>2 0.009895 state</div>	<div>16</div> <div>weight word</div> <div>161 0.019124 art</div> <div>332 0.012702 artist</div> <div>649 0.011399 collection</div> <div>578 0.010474 museum</div> <div>262 0.010370 design</div> <div>817 0.009596 photograph</div> <div>760 0.009035 exhibition</div> <div>597 0.007966 color</div> <div>977 0.007812 paint</div> <div>744 0.007670 painting</div>	<div>17</div> <div>weight word</div> <div>201 0.010694 different</div> <div>68 0.007623 little</div> <div>14 0.007551 point</div> <div>31 0.006894 thing</div> <div>165 0.006491 hand</div> <div>38 0.006189 change</div> <div>107 0.006141 far</div> <div>460 0.006063 approach</div> <div>181 0.005672 kind</div> <div>61 0.005626 keep</div>	<div>18</div> <div>weight word</div> <div>476 0.010238 wear</div> <div>19 0.007842 woman</div> <div>6 0.007236 man</div> <div>315 0.006806 walk</div> <div>229 0.006298 stand</div> <div>371 0.005883 sit</div> <div>155 0.005814 car</div> <div>231 0.005749 drive</div> <div>23 0.005702 place</div> <div>799 0.005426 dress</div>	<div>19</div> <div>weight word</div> <div>12 0.016565 american</div> <div>11 0.015628 states</div> <div>15 0.015062 government</div> <div>24 0.014585 country</div> <div>188 0.014067 military</div> <div>153 0.013990 war</div> <div>84 0.010824 leader</div> <div>4 0.010092 official</div> <div>63 0.009246 force</div> <div>430 0.007575 international</div>
<div>20</div> <div>weight word</div> <div>0 0.031242 company</div> <div>113 0.016069 share</div> <div>140 0.015987 stock</div> <div>1 0.014222 percent</div> <div>79 0.013672 sell</div> <div>235 0.012581 bank</div> <div>320 0.012539 financial</div> <div>36 0.011733 business</div> <div>35 0.011710 yesterday</div> <div>69 0.011616 executive</div>	<div>21</div> <div>weight word</div> <div>350 0.012224 plant</div> <div>233 0.010721 water</div> <div>149 0.010413 build</div> <div>362 0.009753 development</div> <div>686 0.008139 nuclear</div> <div>317 0.007886 develop</div> <div>102 0.007679 area</div> <div>1148 0.007486 environmental</div> <div>200 0.007342 project</div> <div>125 0.006965 power</div>	<div>22</div> <div>weight word</div> <div>4 0.031630 official</div> <div>346 0.014669 spokesman</div> <div>22 0.014607 report</div> <div>35 0.013549 yesterday</div> <div>174 0.012717 board</div> <div>180 0.011024 agency</div> <div>7 0.010888 city</div> <div>78 0.010042 service</div> <div>415 0.009791 department</div> <div>823 0.009575 plane</div>	<div>23</div> <div>weight word</div> <div>0 0.027139 company</div> <div>265 0.015980 computer</div> <div>328 0.011372 product</div> <div>79 0.010509 sell</div> <div>36 0.010174 business</div> <div>535 0.010065 network</div> <div>212 0.009694 store</div> <div>33 0.009305 president</div> <div>69 0.009244 executive</div> <div>403 0.009241 customer</div>	<div>24</div> <div>weight word</div> <div>270 0.015987 food</div> <div>144 0.009445 serve</div> <div>876 0.008727 fresh</div> <div>1166 0.008714 dry</div> <div>466 0.008562 restaurant</div> <div>721 0.008432 pound</div> <div>918 0.008125 taste</div> <div>41 0.007262 add</div> <div>1078 0.007247 fish</div> <div>1044 0.007141 cook</div>