

EXPERIMENT – 1

```

1  #!/usr/bin/perl
2
3  use strict;
4  use warnings;
5
6  my $url = "http://www.example.com";
7  my $user = "admin";
8  my $pass = "password";
9
10 # Create a new HTTP client
11 my $client = LWP::UserAgent->new(
12     agent => "Mozilla/5.0 (Windows NT 6.0; rv:2.0.1) Gecko/20100101 Firefox/4.0.1",
13     proxy => undef,
14     ssl => 1,
15     timeout => 30,
16 );
17
18 # Set the user agent
19 $client->agent($user);
20
21 # Set the password
22 $client->password($pass);
23
24 # Create a new HTTP request
25 my $request = HTTP::Request->new(
26     GET => $url,
27     headers => {
28         "User-Agent" => $user,
29         "Accept" => "text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8",
30         "Accept-Language" => "en-us,en;q=0.5",
31         "Accept-Encoding" => "gzip, deflate",
32         "Connection" => "close",
33     },
34 );
35
36 # Send the request
37 my $response = $client->request($request);
38
39 # Print the response
40 print $response->content;
41
42 # Close the client
43 $client->close;
44
45 # End of script
46

```

```
100 x BSM customers1;
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EXPERIMENT-2

```

--=====
SQL> SELECT table_name, column_name, data_type, data_length, char_length,
  1 2 3 4 5 6
  7 8 9 10 11 12
  13 14 15 16 17 18
  19 20 21 22 23 24
  25 26 27 28 29 30
  31 32 33 34 35 36
  37 38 39 40 41 42
  43 44 45 46 47 48
  49 50 51 52 53 54
  55 56 57 58 59 60
  61 62 63 64 65 66
  67 68 69 70 71 72
  73 74 75 76 77 78
  79 80 81 82 83 84
  85 86 87 88 89 90
  91 92 93 94 95 96
  97 98 99 100 101 102
  103 104 105 106 107 108
  109 110 111 112 113 114
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  121 122 123 124 125 126
  127 128 129 130 131 132
  133 134 135 136 137 138
  139 140 141 142 143 144
  145 146 147 148 149 150
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  583 584 585 586 587 588
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  601 602 603 604 605 606
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  625 626 627 628 629 630
  631 632 633 634 635 636
  637 638 639 640 641 642
  643 644 645 646 647 648
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  661 662 663 664 665 666
  667 668 669 670 671 672
  673 674 675 676 677 678
  679 680 681 682 683 684
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  697 698 699 700 701 702
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  709 710 711 712 713 714
  715 716 717 718 719 720
  721 722 723 724 725 726
  727 728 729 730 731 732
  733 734 735 736 737 738
  739 740 741 742 743 744
  745 746 747 748 749 750
  751 752 753 754 755 756
  757 758 759 760 761 762
  763 764 765 766 767 768
  769 770 771 772 773 774
  775 776 777 778 779 780
  781 782 783 784 785 786
  787 788 789 790 791 792
  793 794 795 796 797 798
  799 800 801 802 803 804
  805 806 807 808 809 810
  811 812 813 814 815 816
  817 818 819 820 821 822
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  841 842 843 844 845 846
  847 848 849 850 851 852
  853 854 855 856 857 858
  859 860 861 862 863 864
  865 866 867 868 869 870
  871 872 873 874 875 876
  877 878 879 880 881 882
  883 884 885 886 887 888
  889 890 891 892 893 894
  895 896 897 898 899 900
  901 902 903 904 905 906
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  961 962 963 964 
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[illegible][illegible]

Step – 1: create student table

STEP-1: Create Instructor table and department table

[illegible]

224G1A05A3_G SRAVANI

```
SQL> SELECT * FROM emp;
EMPID      NAME      SAL      DEPTNO
-----
101        KING      5000      10
102        DEHA      4000      10
103        CLERK     3000      10
104        BLAKE     2800      10
105        TURNER    1500      30
106        ADAMS     2600      30
107        SCOTT     3000      40
108        FORD      3000      40
109        JAMES     9500      40
110        COOPER    2500      40
111        BATES     2800      50
112        JONES     7800      50
113        SMITH     6000      50
114        WATSON    6000      50
115        ALLEN     3100      60
116        MARTIN    5000      60
117        ZLOTZKY   4900      60
118        GIBSON    4800      60
119        FLETCHER 4500      60
120        TIMNEY    9300      60
121        PERCIVAL 3500      70
122        COLEMAN   4400      70
123        JACOBI    4200      70
124        FAY       3800      70
125        PAVL     3500      70
126        SPRUYELL 3500      70
127        CONNORS   3300      70
128        BENNETT   3100      70
129        DAVIS     3000      70
130        GILES     2900      70
131        FRAZER    2800      70
132        STEVENS   2700      70
133        MILLER    2600      70
134        HART      2500      70
135        HENDRICK 2400      70
136        GUY       2300      70
137        ROSS      2200      70
138        COCHRAN   2100      70
139        BEND      2000      70
140        FLETCHER 1900      70
141        WATSON    1800      70
142        JONES     1700      70
143        SMITH     1600      70
144        ALLEN     1500      70
145        MARTIN    1400      70
146        ZLOTZKY   1300      70
147        GIBSON    1200      70
148        FLETCHER 1100      70
149        TIMNEY    1000      70
150        PERCIVAL 900       70
151        COLEMAN   800       70
152        JACOBI    700       70
153        FAY       600       70
154        PAVL     500       70
155        SPRUYELL 400       70
156        CONNORS   300       70
157        BENNETT   200       70
158        DAVIS     100       70
159        GILES     50       70
160        FRAZER    25       70
161        STEVENS   12       70
162        MILLER    6       70
163        HART      3       70
164        HENDRICK 1       70
165        GUY       0.5       70
166        ROSS      0.25      70
167        COCHRAN   0.125     70
168        BEND      0.0625    70
169        FLETCHER 0.03125   70
170        WATSON    0.015625  70
171        JONES     0.0078125 70
172        SMITH     0.00390625 70
173        ALLEN     0.001953125 70
174        MARTIN    0.0009765625 70
175        ZLOTZKY   0.00048828125 70
176        GIBSON    0.000244140625 70
177        FLETCHER 0.0001220703125 70
178        TIMNEY    6.1e-05    70
179        PERCIVAL 3.05e-05    70
180        COLEMAN   1.525e-05    70
181        JACOBI    7.625e-06    70
182        FAY       3.8125e-06    70
183        PAVL     1.90625e-06    70
184        SPRUYELL 9.53125e-07    70
185        CONNORS   4.765625e-07    70
186        BENNETT   2.3828125e-07    70
187        DAVIS     1.19140625e-07    70
188        GILES     5.95703125e-08    70
189        FRAZER    2.978515625e-08    70
190        STEVENS   1.4892578125e-08    70
191        MILLER    7.4462890625e-09    70
192        HART      3.72314453125e-09    70
193        HENDRICK 1.861572265625e-09    70
194        GUY       9.307861328125e-10    70
195        ROSS      4.6539306640625e-10    70
196        COCHRAN   2.32696533203125e-10    70
197        BEND      1.163482666015625e-10    70
198        FLETCHER 5.817413330078125e-11    70
199        WATSON    2.9087066650390625e-11    70
200        JONES     1.45435333251953125e-11    70
201        SMITH     7.27176666259765625e-12    70
202        ALLEN     3.635883331298828125e-12    70
203        MARTIN    1.8179416656494140625e-12    70
204        ZLOTZKY   9.0897083282470703125e-13    70
205        GIBSON    4.54485416412353515625e-13    70
206        FLETCHER 2.272427082061767578125e-13    70
207        TIMNEY    1.1362135410308837890625e-13    70
208        PERCIVAL 5.6810677051544189453125e-14    70
209        COLEMAN   2.84053385257720947265625e-14    70
210        JACOBI    1.42026692628860473628125e-14    70
211        FAY       7.10133463144302368128125e-15    70
212        PAVL     3.550667315721511840640625e-15    70
213        SPRUYELL 1.7753336578607559203203125e-15    70
214        CONNORS   8.87666828930377960161015625e-16    70
215        BENNETT   4.438334144651889800805078125e-16    70
216        DAVIS     2.2191670723259449004025390625e-16    70
217        GILES     1.10958353616297245020126953125e-16    70
218        FRAZER    5.54791768081486225100634765625e-17    70
219        STEVENS   2.773958840407431125503173828125e-17    70
220        MILLER    1.3869794202037155627515869140625e-17    70
221        HART      6.9348971010185778137579345703125e-18    70
222        HENDRICK 3.46744855050928890687896728515625e-18    70
223        GUY       1.733724275254644453439483642578125e-18    70
224        ROSS      8.668621376273222267197418212890625e-19    70
225        COCHRAN   4.3343106881366111335987091064453125e-19    70
226        BEND      2.16715534406830556679935455322265625e-19    70
227        FLETCHER 1.083577672034152783399677276611328125e-19    70
228        WATSON    5.417888360170763916998386383056640625e-20    70
229        JONES     2.7089441800853819584991931915283203125e-20    70
230        SMITH     1.35447209004269097924959659576416015625e-20    70
231        ALLEN     6.77236045021345489624798297882080078125e-21    70
232        MARTIN    3.386180225106727448124891489410400390625e-21    70
233        ZLOTZKY   1.6930901125533637240624457447052001953125e-21    70
234        GIBSON    8.4654505627668186203122287235260009765625e-22    70
235        FLETCHER 4.23272528138340931015611141176300048828125e-22    70
236        TIMNEY    2.116362640691704655078055705881500244140625e-22    70
237        PERCIVAL 1.0581813203458523275390278529407501220703125e-22    70
238        COLEMAN   5.2909066017292616376951392647037506103515625e-23    70
239        JACOBI    2.64545330086463081884756963235187530517578125e-23    70
240        FAY       1.322726650432315409423784816175937652587890625e-23    70
241        PAVL     6.613633252161577047118924080879688262939453125e-24    70
242        SPRUYELL 3.3068166260807885235594620404398441314697265625e-24    70
243        CONNORS   1.65340831304039426177973102021992206573486328125e-24    70
244        BENNETT   8.26704156520197130889865510109961032867431640625e-25    70
245        DAVIS     4.133520782600985654449327550549805164337187203125e-25    70
246        GILES     2.0667603913004928272246637752749025821685938671875e-25    70
247        FRAZER    1.03338019565024641361233188763745129108429693359375e-25    70
248        STEVENS   5.16690097825123206806165943818725645542148466796875e-26    70
249        MILLER    2.583450489125616034030829719093628227710722333984375e-26    70
250        HART      1.2917252445628080170154148595468141138553611669896875e-26    70
251        HENDRICK 6.4586262228140400850770742977340705692768058349484375e-27    70
252        GUY       3.22931311140702004253853714886703528463840291747421875e-27    70
253        ROSS      1.614656555703510021269268574433517642319201458737109375e-27    70
254        COCHRAN   8.073282778517550106346342872216588211596007293685546875e-28    70
255        BEND      4.0366413892587750531731714361082941078000036468427734375e-28    70
256        FLETCHER 2.01832069462938752658658571805414705390000182342138671875e-28    70
257        WATSON    1.009160347314693763293292859027073526950000911710693390625e-28    70
258        JONES     5.04580173657346881646646429513536763475000045855346696875e-29    70
259        SMITH     2.522900868286734408233232147567683817375000229276733484375e-29    70
260        ALLEN     1.2614504341433672041166160737838419086875001146383667421875e-29    70
261        MARTIN    6.3072521707168360205830803689192095434375005731918337109375e-30    70
262        ZLOTZKY   3.15362608535841801029154018445960477171875002865941685546875e-30    70
263        GIBSON    1.576813042679209005145770092229802385859375014329708427734375e-30    70
264        FLETCHER 7.884065213396045025728850461149011929296875007164843638671875e-31    70
265        TIMNEY    3.9420326066980225128644252305745059646484375035824218193359375e-31    70
266        PERCIVAL 1.97101630334901125643221261528725298232421875179121090966796875e-31    70
267        COLEMAN   9.85508151674505628216106307643626491162109375895605484833984375e-32    70
268        JACOBI    4.927540758372528141080531538218132455810546875447827424169921875e-32    70
269        FAY       2.4637703791862640705402657691090662279052734375223917120849609375e-32    70
270        PAVL     1.23188518959313203527013288455453311495263671875111958560248046875e-32    70
271        SPRUYELL 6.15942594796566017635066442277266557476318343755597778001240234375e-32    70
272        CONNORS   3.079712973982830088175332211386332787381591718752798890006201171875e-32    70
273        BENNETT   1.539856486991415044087666105693166393690795859375139945003100589375e-32    70
274        DAVIS     7.699282434957075220438333028465831968453979296875699725001502946875e-32    70
275        GILES     3.8496412174785376102191665142329159842269896484375349875007514734375e-32    70
276        FRAZER    1.924820608739268805109583257116457992113494494437517493750375736875e-32    70
277        STEVENS   9.6241030436963440255479162855822899605674724722187587496875188684375e-32    70
278        MILLER    4.812051521848172012773958142791144980283736236109375437493759434375e-32    70
279        HART      2.4060257609240860063869790713955724901418681180546875218746971684375e-32    70
280        HENDRICK 1.203012880462043003193489535697786245070934409027343751093735834375e-32    70
281        GUY       6.0150644023102150159674476784889312253546720451367187554686791684375e-32    70
282        ROSS      3.007532201155107507983723839244465612677336022568359375273395584375e-32    70
283        COCHRAN   1.5037661005775537539918619196222328063386680112841796875136697791875e-32    70
284        BEND      7.518830502887768769959309598111164031693340056142089375683488959375e-32    70
285        FLETCHER 3.7594152514438843849796547990555820158466700280710446875341944796875e-32    70
286        WATSON    1.879707625721942192489827399527791007923335014035522343751709724884375e-32    70
287        JONES     9.3985381286097109624491369976389550396166750701776117187585487244375e-32    70
288        SMITH     4.69926906430485548122456849881947751980833753508880889375427436221875e-32    70
289        ALLEN     2.349634532152427740612284249409738759904168767544404446875213716109375e-32    70
290        MARTIN    1.1748172660762138703061421247048693799520843837722022234375106580546875e-32    70
291        ZLOTZKY   5.87408633038106935153071062352434689976042191886111171875532902734375e-32    70
292        GIBSON    2.937043165190534675765355311762172449880210959430555859375266451171875e-32    70
293        FLETCHER 1.46852158259526733788267765588108622494010547971527792968751332255859375e-32    70
294        TIMNEY    7.3426079129763366894133882794054324747005273985763896484375666127796875e-32    70
295        PERCIVAL 3.67130395648816834470669413970271623735026369928819482421875333063889375e-32    70
296        COLEMAN   1.835651978244084172353347069851358118675131849644097412109375166534446875e-32    70
297        JACOBI    9.178259891220420861766735349256790593375659248220487210546875832672234375e-32    70
298        FAY       4.58912994561021043088336767462839529668782962411024360527343754163361171875e-32    70
299        PAVL     2.294564972805105215441683837314197648343914812055121802636718752081680859375e-32    70
300        SPRUYELL 1.1472824864025526077208419186570988241719574560275609013168437510408404296875e-32    70
301        CONNORS   0.57364124320127630386042095932854941208597872801378045065842187552042021484375e-32    70
302        BENNETT   0.286820621600638151930210479664274706427989364006890225329210937526021107421875e-32    70
303        DAVIS     0.1434103108003190759651052398321373532139946820034451126646054687513010537109375e-32    70
304        GILES     0.07170515540015953798255261991606867660699734100172255633230273437565052685546875e-32    70
305        FRAZER    0.035852577700079768991276309958034338303498670500861278166151171875325263427734375e-32    70
306        STEVENS   0.0179262888500398844956381549790171691517493352504306390830755859375162631713671875e-32    70
307        MILLER    0.0089631444250199422478190774895085845758746676252153195415377968758131315859375e-32    70
308        HART      0.00448157221250997112390953874475429228793733381260765977076889843754065579296875e-32    70
309        HENDRICK 0.002240786106254985561954769372377146143968666906303829885384449375203277896484375e-32    70
310        GUY       0.0011203930531274927809773846861885730719843334531519149426922246875101639482421875e-32    70
311        ROSS      0.00056019652656374639048869234309428653599216672657595747134611234375008197412109375e-32    70
312        COCHRAN   0.000280098263281873195244346171547143267996083363287978735673056171875004097060546875e-32    70
313        BEND      0.00014004913164093659762217308577357163399804168164398936783652808593750020485302734375e-32    70
314        FLETCHER 7.00245695654702987811086365428867858169990208408219946839182640437500102426513671875e-32    70
315        WATSON    3.50122847827351493905543182714433929084995104204109973419591320218750005113256834375e-32    70
316        JONES     1.7506142391367574695277159135721696454249755210205498670979566010937500025562841875e-32    70
317        SMITH     0.87530711956837873476385795678608482271248776051027493354897830054687500012781409375e-32    70
318        ALLEN     0.437653559784189367381928978393042411356243880255137466774489150273437500006390746875e-32    70
319        MARTIN    0.2188267798920946836909644891965212056781219401275687333872445751367187500003195371875e-32    70
320        ZLOTZKY   0.10941338994604734184548224459826060283906097006378436669362228756834375000015976859375e-32    70
321        GIBSON    0.054706694973023670922741122299130301419530485031892183346811143781250000079884296875e-32    70
322        FLETCHER 0.0273533474865118354613705611495651507097652425159460916734055713937500000399421484375e-32    70
323        TIMNEY    0.01367667374325591773068528057477757535488262125797304583670278569687500001997107421875e-32    70
324        PERCIVAL 0.006838336871627958865342640287388787677441310628986522918351392848437500000998537109375e-32    70
325        COLEMAN   0.003419168435813979432671320143694393838720655314493261459175696424375000004992785546875e-32    70
326        JACOBI    0.0017095842179069897163356600718471969193603276572466307295878482121875000024963927734375e-32    70
327        FAY       0.00085479210895349485816783003592359845968016382862331536479392410609375000012481963671875e-32    70
328        PAVL     0.00042739605447674742908391501796179422984008191431165768239696205304687500006240981834375e-32    70
329        SPRUYELL 0.0002136980272383737145419575089808971149200409571557788411984810265187500003120490941875e-32    70
330        CONNORS   0.00010684901361918685727097875449044855746002047857788942099424051325937500001560245471875e-32    70
331        BENNETT   5.3424506809593428635489377245224278730010239288944710497122022557937500007801227359375e-32    70
332        DAVIS     2.67122534047967143177446886226121393650051196444723552485610112789687500003900613796875e-32    70
333        GILES     1.33561267023983571588723443113060696825025598
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001- SELECT *FROM table1 FROM myquery;
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Create some tables and perform KEY CONSTRAINTS (i.e.

[illegible][illegible]

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1  #include <iostream>
2
3  int main() {
4      int n;
5      int count = 0;
6      int sum = 0;
7      int sum2 = 0;
8      int sum3 = 0;
9      int sum4 = 0;
10     int sum5 = 0;
11     int sum6 = 0;
12     int sum7 = 0;
13     int sum8 = 0;
14     int sum9 = 0;
15     int sum10 = 0;
16     int sum11 = 0;
17     int sum12 = 0;
18     int sum13 = 0;
19     int sum14 = 0;
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