

Program code

```
1  /* SAVINDU PASINTHA TOUR MATE CAB SERVICE */
2  #include <iostream>
3  #include <fstream>
4  #include <string>
5  #include <windows.h>
6  #include <unistd.h>
7  #include <cstdlib>
8  #include <ctime>
9  using namespace std;
10
11  HANDLE out = GetStdHandle(STD_OUTPUT_HANDLE);
12
13  void fontsize(int,int);
14  void welcome();
15  void datetime();
16  void registration();
17  void login();
18  void menu();
19  void exit();
20  void viewdetailsmenu();
21  void vehicledetailsviewmenu();
22  void driverdetailsviewmenu();
23  void editdetailsmenu();
24  void updatedetailsmenu();
25  void vdu();
26  void acd();
27  void emp();
28  void bookingdetailsmenu();
29  void bookin();
30  void cleardetailsmenu();
31  void clvd();
32  void clacd();
33  void clemp();
34  void clbookin();
35  void payment();
36  void aboutcompanydetailsmenu();
37  void houwtousesoftware();
38
39  int main()
40  {
41      sleep(3);
42      welcome();
43      system("cls");
44      // ... (rest of the code) ...
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44     login();
45     return 0;
46 }
47
48 void registration()
49 {
50     fontsize(24,24);
51     system("Color D");
52     cout<<"\t\t\t\t\t"<<endl;
53     cout<<"\t\t\t\t\t"<<endl;
54     cout<<"\t\t\t\t\t*****"<<endl;
55     cout<<"\t\t\t\t\t*****"<<endl;
56     cout<<"\t\t\t\t\t**"<<endl;
57     cout<<"\t\t\t\t\t**          REGISTRATION FORM          **"<<endl;
58     cout<<"\t\t\t\t\t**"<<endl;
59     cout<<"\t\t\t\t\t*****"<<endl;
60     cout<<"\t\t\t\t\t*****"<<endl;
61     cout<<"\t\t\t\t\t"<<endl;
62     cout<<"\t\t\t\t\t"<<endl;
63
64     string w;
65     ofstream myfile;
66     myfile.open ("registration form.txt",ios::app);
67     myfile<<"*****USER REGISTRATION DETAILS*****"<<endl;
68     myfile<<" "<<endl;
69
70     cout<<"\t\t\t\t\t1-ENTER YOUR FIRST NAME--"<<" ";      cin>>w;    myfile<<"1-FIRST NAME--"<<w<<endl;
71     cout<<"\t\t\t\t\t2-ENTER YOUR LAST NAME--"<<" ";      cin>>w;    myfile<<"2-LAST NAME--"<<w<<endl;
72     cout<<"\t\t\t\t\t3-ENTER YOUR ADDRESS--"<<" ";      cin>>w;    myfile<<"3-ADDRESS--"<<w<<endl;
73     cout<<"\t\t\t\t\t4-ENTER YOUR TELEPHONE NUMBER--"<<" "; cin>>w;    myfile<<"4-TELEPHONE NUMBER--"<<w<<endl;
74     cout<<"\t\t\t\t\t5-ENTER YOUR EMAIL ADDRESS--"<<" ";  cin>>w;    myfile<<"5-EMAIL--"<<w<<endl;
75     cout<<"\t\t\t\t\t6-ENTER YOUR PASSWORD--"<<" ";      cin>>w;    myfile<<"6-PASSWORD--"<<w<<endl;
76     cout<<"\t\t\t\t\t7-ENTER YOUR PASSWORD AGAIN--"<<" ";  cin>>w;    myfile<<"7-PASSWORD--"<<w<<endl;
77     myfile<<" "<<endl;
78
79     cout<<"\t\t\t\t\t"<<endl;
80     cout<<"\t\t\t\t\t REGISTRATION SUCCESFULL !"<<endl;
81
82     sleep(3);
83     system("cls");
84     menu();
85 }
86
87 void login()
88 {
89     fontsize(24,24);
90     cout<<"\t\t\t\t\t"<<endl;
91     datetime();
92     system("Color F");
93     cout<<"\t\t\t\t\t"<<endl;
94     cout<<"\t\t\t\t\t*****"<<endl;
95     cout<<"\t\t\t\t\t*****"<<endl;
96     cout<<"\t\t\t\t\t**"<<endl;
97     cout<<"\t\t\t\t\t**          LOGIN          **"<<endl;
98     cout<<"\t\t\t\t\t**"<<endl;
99     cout<<"\t\t\t\t\t*****"<<endl;
100    cout<<"\t\t\t\t\t*****"<<endl;
101    cout<<"\t\t\t\t\t"<<endl;
102    cout<<"\t\t\t\t\t"<<endl;
103
104    string u,p;//u=user name,p=password variable
105    cout<<"\t\t\t\t\t1-PLEASE ENTER USER NAME(--user----)-"<<" ";  cin>>u;
106    cout<<"\t\t\t\t\t2-PLEASE ENTER  PASSWORD(--pass99--)-"<<" ";  cin>>p;
107

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107
108     if((u=="user") && (p=="pass99"))
109     {
110         cout<<endl;
111         cout<<endl;
112         cout<<"\t\t\t\t\t LOGIN SUCCESFULL !"<<endl;
113
114         sleep(3);
115         system("cls");
116
117         while(1)
118         {
119             menu();
120         }
121     }
122     else
123     {
124         cout<<endl;
125         cout<<endl;
126         cout<<"\t\t\t\t\t LOGIN FAIL !"<<endl;
127         sleep(3);
128         system("cls");
129         login();
130     }
131 }
132
133
134 void menu()
135 {
136     fontsize(24,24);
137     cout<<"\t\t\t\t\t"<<endl;
138     datetime();
139     system("Color 9");
140     cout<<"\t\t\t\t\t"<<endl;
141     cout<<"\t\t\t\t\t*****"<<endl;
142     cout<<"\t\t\t\t\t*****"<<endl;
143     cout<<"\t\t\t\t\t**" <<endl;
144     cout<<"\t\t\t\t\t**" <<endl;
145     cout<<"\t\t\t\t\t**" <<endl;
146     cout<<"\t\t\t\t\t*****"<<endl;
147     cout<<"\t\t\t\t\t*****"<<endl;
148     cout<<"\t\t\t\t\t"<<endl;
149     cout<<"\t\t\t\t\t"<<endl;
150
151     cout<<"\t\t\t\t\t 1:to VIEW"<<endl;
152     cout<<"\t\t\t\t\t 2:to EDIT"<<endl;
153     cout<<"\t\t\t\t\t 3:to PAYMENT BILLING"<<endl;
154     cout<<"\t\t\t\t\t 4:to REGISTRATION TO SYSTEM"<<endl;
155     cout<<"\t\t\t\t\t 5:to LOG OUT"<<endl;
156     cout<<"\t\t\t\t\t 6:to HOW TO USE SOFTWARE"<<endl;
157     cout<<"\t\t\t\t\t 7:to EXIT"<<endl;
158     cout<<"\t\t\t\t\t"<<endl;
159     cout<<"\t\t\t\t\t"<<endl;

```



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160
161     int p;
162     cout<<"\t\t\t\t\t ENTER 1--7 HEAR----- ";
163     cin>>p;
164     switch(p)
165     {
166     case 1:
167     {
168         system("cls");
169         viewdetailsmenu();
170         system("pause");
171         break;
172     }
173     case 2:
174     {
175         system("cls");
176         editdetailsmenu();
177         system("pause");
178         break;
179     }
180
181     case 3:
182     {
183         system("cls");
184         payment();
185         system("pause");
186         break;
187     }
188
189     case 4:
190     {
191         system("cls");
192         registration();
193         system("pause");
194         break;
195     }
196
197     case 5:
198     {
199         system("cls");
200         login();
201         system("pause");
202         break;
203     }
204
205     case 6:
206     {
207         system("cls");
208         howtousesoftware();
209         system("pause");
210         break;
211     }
212
213     case 7:
214     {
215         system("cls");
216         exit ();
217     }
218     default:
219     cout<<"\t\t\t\t\t please enter the valid option..."<<endl;
220     sleep(3);
221     menu();
222     } system("cls");
223 }

```

```

224
225 void exit()
226 {
227     fontsize(24,24);
228     system("Color A");
229     cout<<"\t\t\t\t\t"<<endl;
230     cout<<"\t\t\t\t\t"<<endl;
231     cout<<"\t\t\t\t\t*****"<<endl;
232     cout<<"\t\t\t\t\t*****"<<endl;
233     cout<<"\t\t\t\t\t**" <<endl;
234     cout<<"\t\t\t\t\t**" <<endl;
235     cout<<"\t\t\t\t\t**" <<endl;
236     cout<<"\t\t\t\t\t**" <<endl;
237     cout<<"\t\t\t\t\t**" <<endl;
238     cout<<"\t\t\t\t\t**" <<endl;
239     cout<<"\t\t\t\t\t**" <<endl;
240     cout<<"\t\t\t\t\t**" <<endl;
241     cout<<"\t\t\t\t\t**" <<endl;
242     cout<<"\t\t\t\t\t**" <<endl;
243     cout<<"\t\t\t\t\t**" <<endl;
244     cout<<"\t\t\t\t\t**" <<endl;
245     cout<<"\t\t\t\t\t**" <<endl;
246     cout<<"\t\t\t\t\t**" <<endl;
247     cout<<"\t\t\t\t\t**" <<endl;
248     cout<<"\t\t\t\t\t*****"<<endl;
249     cout<<"\t\t\t\t\t*****"<<endl;
250     cout<<"\t\t\t\t\t"<<endl;
251     cout<<"\t\t\t\t\t"<<endl;
252
253     sleep(3);
254     exit(0);
255 }
256
257 void viewdetailsmenu()
258 {
259     fontsize(24,24);
260     cout<<"\t\t\t\t\t"<<endl;
261     datetime();
262     system("Color A");
263     cout<<"\t\t\t\t\t"<<endl;
264     cout<<"\t\t\t\t\t*****"<<endl;
265     cout<<"\t\t\t\t\t*****"<<endl;
266     cout<<"\t\t\t\t\t*****"<<endl;
267     cout<<"\t\t\t\t\t**" <<endl;
268     cout<<"\t\t\t\t\t**" <<endl;
269     cout<<"\t\t\t\t\t**" <<endl;
270     cout<<"\t\t\t\t\t*****"<<endl;
271     cout<<"\t\t\t\t\t*****"<<endl;
272     cout<<"\t\t\t\t\t"<<endl;
273     cout<<"\t\t\t\t\t"<<endl;
274
275     cout<<"\t\t\t\t\t 1)---VEHICLE DETAILS"<<endl;
276     cout<<"\t\t\t\t\t 2)---DRIVER DETAILS"<<endl; cout<<"\t\t\t\t\t 3)---BOOKING DETAILS"<<endl;
277     cout<<"\t\t\t\t\t 4)---ABOUT COMPANY"<<endl;
278     cout<<"\t\t\t\t\t 5)---LOG OUT"<<endl;
279     cout<<"\t\t\t\t\t 6)---BACK"<<endl;
280     cout<<"\t\t\t\t\t 7)---EXIT"<<endl;
281     cout<<"\t\t\t\t\t"<<endl;
282
283     cout<<"\t\t\t\t\t ENTER 1--6 HEAR---- ";

```

```
284     int j;
285     cin>>j;
286     switch(j)
287     {
288         case 1:
289         {
290             system("cls");
291             vehicledetailsviewmenu();
292             break;
293         }
294         case 2:
295         {
296             system("cls");
297             driverdetailsviewmenu();
298             break;
299         }
300         case 3:
301         {
302             system("cls");
303             bookingdetailsmenu();
304             break;
305         }
306         case 4:
307         {
308             system("cls");
309             aboutcompanydetailsmenu();
310             break;
311         }
312         case 5:
313         {
314             system("cls");
315             login();
316             break;
317         }
318         case 6:
319         {
320             system("cls");
321             menu();
322             } break;
323         case 7:
324         {
325             system("cls");
326             exit();
327             break;
328         }
329         default:
330         {
331             system("cls");
332             viewdetailsmenu();
333         }
334     }
335 }
```



```

336 void vehicledetailsviewmenu()
337 {
338     fontsize(24,24);
339     system("Color D");
340     cout<<"\t\t\t\t\t"<<endl;
341     cout<<"\t\t\t\t\t"<<endl;
342     cout<<"\t\t\t\t\t*****"<<endl;
343     cout<<"\t\t\t\t\t*****"<<endl;
344     cout<<"\t\t\t\t\t*****"<<endl;
345     cout<<"\t\t\t\t\t**" <<endl;
346     cout<<"\t\t\t\t\t**          VEHICLE DETAIL          **"<<endl;
347     cout<<"\t\t\t\t\t**" <<endl;
348     cout<<"\t\t\t\t\t*****"<<endl;
349     string line;
350     ifstream myfile ("vehicledts.txt");
351     if (myfile.is_open())
352     {
353         while ( getline (myfile,line) )
354         {
355             cout<<"\t\t\t\t\t" << line << '\n';
356         }
357         myfile.close();
358     }
359     else
360     {
361         cout << "CAN NOT OPEN FILE";
362         sleep(3);
363     }
364 }
365
366 void driverdetailsviewmenu()
367 {
368     fontsize(24,24);
369     system("Color D");
370     cout<<"\t\t\t\t\t"<<endl;
371     cout<<"\t\t\t\t\t"<<endl;
372     cout<<"\t\t\t\t\t*****"<<endl;
373     cout<<"\t\t\t\t\t*****"<<endl;
374     cout<<"\t\t\t\t\t*****"<<endl;
375     cout<<"\t\t\t\t\t**" <<endl;
376     cout<<"\t\t\t\t\t**          DRIVER   DETAILS          **"<<endl;
377     cout<<"\t\t\t\t\t**" <<endl;
378     cout<<"\t\t\t\t\t*****"<<endl;
379     cout<<"\t\t\t\t\t*****"<<endl;
380
381     string line;
382     ifstream myfile ("emp.txt");
383     if (myfile.is_open())
384     {
385         while ( getline (myfile,line) )
386         {
387             cout<<"\t\t\t\t\t" << line << '\n';
388         }
389         myfile.close();
390     }
391     else
392     {
393         cout << "CAN NOT OPEN FILE";
394         sleep(3);
395     }
396 }
397

```

```

398 void editdetailsmenu()
399 {
400     fontsize(24,24);
401     cout<<"\t\t\t\t\t"<<endl;
402     datetime();
403     system("Color C");
404     cout<<"\t\t\t\t\t"<<endl;
405     cout<<"\t\t\t\t\t*****"<<endl;
406     cout<<"\t\t\t\t\t*****"<<endl;
407     cout<<"\t\t\t\t\t*****"<<endl;
408     cout<<"\t\t\t\t\t**" <<endl;
409     cout<<"\t\t\t\t\t**" <<endl;
410     cout<<"\t\t\t\t\t**" <<endl;
411     cout<<"\t\t\t\t\t*****"<<endl;
412     cout<<"\t\t\t\t\t*****"<<endl;
413     cout<<"\t\t\t\t\t"<<endl;
414     cout<<"\t\t\t\t\t"<<endl;
415
416     cout<<"\t\t\t\t\t 1)--- UPDATE DETAILS " <<endl;
417     cout<<"\t\t\t\t\t 2)--- CLEAR DETAILS " <<endl;
418     cout<<"\t\t\t\t\t 3)---LOG OUT " <<endl;
419     cout<<"\t\t\t\t\t 4)---BACK " <<endl;
420     cout<<"\t\t\t\t\t 5)---EXIT " <<endl;
421     cout<<"\t\t\t\t\t"<<endl;
422     cout<<"\t\t\t\t\t ENTER 1--5 HEAR---- ";
423
424     int g;
425     cin>>g;
426     switch(g)
427     {
428         case 1:
429             {
430                 system("cls");
431                 updatedetailsmenu();
432                 system("pause");
433                 break;
434             }
435             case 2:
436             {
437                 system("cls");
438                 cleardetailsmenu();
439                 system("pause");
440                 break;
441             }
442             case 3:
443             {
444                 system("cls");
445                 login();
446                 system("pause");
447                 break;
448             }
449             case 4:
450             {
451                 system("cls");
452                 menu();
453                 break;
454             }
455             case 5:
456             {
457                 system("cls");
458                 exit();
459             }
460             break;
461             default:

```



```

462     {
463         system("cls");
464         editdetailsmenu();
465     }
466 }
467 }
468
469 void updatedetailsmenu()
470 {
471     fontsize(24,24);
472     cout<<"\t\t\t\t\t"<<endl;
473     datetime();
474     system("Color A");
475     cout<<"\t\t\t\t\t"<<endl;
476     cout<<"\t\t\t\t\t*****"<<endl;
477     cout<<"\t\t\t\t\t*****"<<endl;
478     cout<<"\t\t\t\t\t*****"<<endl;
479     cout<<"\t\t\t\t\t**" <<endl;
480     cout<<"\t\t\t\t\t**          UPDATES DETAIL          **" <<endl;
481     cout<<"\t\t\t\t\t**" <<endl;
482     cout<<"\t\t\t\t\t*****"<<endl;
483     cout<<"\t\t\t\t\t*****"<<endl;
484     cout<<"\t\t\t\t\t"<<endl;
485     cout<<"\t\t\t\t\t"<<endl;
486
487     cout<<"\t\t\t\t\t 1)---VEHICLE DETAILS          "<<endl;
488     cout<<"\t\t\t\t\t 2)---DRIVER DETAILS          "<<endl;
489     cout<<"\t\t\t\t\t 3)---BOOKING DETAILS          "<<endl;
490     cout<<"\t\t\t\t\t 4)---ABOUT COMPANY DETAILS "<<endl;
491     cout<<"\t\t\t\t\t 5)---LOG OUT          "<<endl;
492     cout<<"\t\t\t\t\t 6)---BACK          "<<endl;
493     cout<<"\t\t\t\t\t 7)---EXIT          "<<endl;
494     cout<<"\t\t\t\t\t"<<endl;
495     cout<<"\t\t\t\t\t ENTER 1--7 HEAR---- ";
496
497     int l;
498     cin>>l;
499     if(l==1)
500     {
501         system("cls");
502         vdu();
503     }
504     else if(l==2)
505     {
506         system("cls");
507         emp();
508     }
509     else if(l==3)
510     {
511         system("cls");
512         bookin();
513     }
514     else if(l==4)
515     {
516         system("cls");
517         acd();
518     }
519     else if(l==5)
520     {
521         system("cls");
522         login();
523     }
524     else if(l==6)
525     {

```

```

526     system("cls");
527     editdetailsmenu()
528 }
529 else if(l==7)
530 {
531     system("cls");
532     exit();
533 }
534 else
535 {
536     system("cls");
537     updatedetailsmenu();
538 }
539 }
540
541 void vdu()
542 {
543     fontsize(24,24);
544     cout<<"\t\t\t\t\t"<<endl;
545     datetime();
546     system("Color A");
547     cout<<"\t\t\t\t\t"<<endl;
548     cout<<"\t\t\t\t\t*****"<<endl;
549     cout<<"\t\t\t\t\t*****"<<endl;
550     cout<<"\t\t\t\t\t**" <<endl;
551     cout<<"\t\t\t\t\t**          ADD VEHICLE DETAILS          **" <<endl;
552     cout<<"\t\t\t\t\t**" <<endl;
553     cout<<"\t\t\t\t\t*****"<<endl;
554     cout<<"\t\t\t\t\t*****"<<endl;
555     cout<<"\t\t\t\t\t"<<endl;
556     cout<<"\t\t\t\t\t"<<endl;
557
558     string write;
559     ofstream myfile;
560     myfile.open ("vehicledts.txt",ios::app);
561     myfile<<"*****"<<endl;
562     myfile<<"....."<<endl;
563
564     cout<<"\t\t\t\t\t1-Input vehicle TYPE(CAR/VAN/CAB)--<<" "; cin>>write; myfile<<"1-TYPE--"<<write<<endl;
565     cout<<"\t\t\t\t\t2-Input vehicle NAME(bmw/alto/hybrid/ect..)---<<" "; cin>>write; myfile<<"2-NAME--"<<write<<endl;
566     cout<<"\t\t\t\t\t3-Input vehicle REGISTRATION DATE(YEAR.MONTH.DATE)--<<" ";
567     cin>>write; myfile<<"3-NUMBER OF SEAT--"<<write<<endl;
568     cout<<"\t\t\t\t\t4-Input vehicle AC TYPE(YES/NO)--<<" "; cin>>write; myfile<<"4-AC TYPE--"<<write<<endl;
569     cout<<"\t\t\t\t\t5-Input vehicle COST(full price xx RS)--<<" "; cin>>write; myfile<<"5-VEHICLE COST--"<<write<<endl;
570     cout<<"\t\t\t\t\t6-Input vehicle INSUARANCE TYPE(full/3rd party)--<<" "; cin>>write; myfile<<"6-INSUARANCE TYPE--"<<write<<endl;
571     cout<<"\t\t\t\t\t7-Input vehicle INSUARANCE EXPIER DATE(year.month.day)--<<" ";
572     cin>>write; myfile<<"7-INSUARANCE EXPIER DATE--"<<write<<endl;
573     cout<<"\t\t\t\t\t8-Input vehicle FUEL TYPE(petrotl/disel)--<<" "; cin>>write; myfile<<"8-FUEL TYPE--"<<write<<endl;
574     cout<<"\t\t\t\t\t9-Input vehicle TANK CAPACITY(xxxx liter)--<<" "; cin>>write; myfile<<"9-TANK CAPACITY--"<<write<<endl;
575     cout<<"\t\t\t\t\t10-Input vehicle ENGIN NUMBER(xxxxxx)--<<" "; cin>>write; myfile<<"10-ENGIN NUMBER--"<<write<<endl;
576     cout<<"\t\t\t\t\t11-Input vehicle CHASSIS NUMBER(xxxxxxx)--<<" "; cin>>write; myfile<<"11-CHASSIS NUMBER--"<<write<<endl;
577
578     cout<<endl;
579     cout<<endl;
580     cout<<"\t\t\t\t\t.....successfully.....!"<<endl;
581     sleep(3);
582     myfile<<" "<<endl;
583     myfile.close();
584
585     int x;
586     cout<<endl;
587     cout << "\t\t\t\t\t presh 1 -DO YOU WANT to ADD Again ?"<<endl;
588     cout << "\t\t\t\t\t Presh 2 - to BACK"<<endl;
589     cout<<endl;

```

```

590         cout<<"\t\t\t\t\t ENTER HEAR---- ";
591         cin>>x;
592         switch(x)
593         {
594             case 1:
595                 { system("cls");
596                   vdu();
597                   }break;
598             case 2:
599                 {system("cls");
600                   updatedetailsmenu();
601                 }
602         }
603
604         system("cls");
605         menu();
606     }
607
608     void acd()
609     {
610         fontsize(24,24);
611         system("Color A");
612         cout<<"\t\t\t\t\t"<<endl;
613         cout<<"\t\t\t\t\t"<<endl;
614         cout<<"\t\t\t\t\t*****"<<endl;
615         cout<<"\t\t\t\t\t*****"<<endl;
616         cout<<"\t\t\t\t\t**" <<endl;
617         cout<<"\t\t\t\t\t**          ADD COMPANY DETAILS" <<endl;
618         cout<<"\t\t\t\t\t**" <<endl;
619         cout<<"\t\t\t\t\t*****"<<endl;
620         cout<<"\t\t\t\t\t*****"<<endl;
621         cout<<"\t\t\t\t\t"<<endl;
622         cout<<"\t\t\t\t\t"<<endl;
623
624         string write;
625         ofstream myfile;
626         myfile.open ("about company.txt",ios::app);
627         cout<<"\t\t\t\t\t WRITE HERE COMPANY DETAILS " <<endl;
628         cout<<endl;
629         cout<<"\t\t\t\t\t";
630         cin>>write;
631         myfile<<write<<endl;
632         myfile.close();
633         cout<<endl;
634         cout<<endl;
635         cout<<"\t\t\t\t\t .....successfully....!"<<endl;
636         sleep(3);
637
638         int x;
639         cout<<endl;
640         cout << "\t\t\t\t\t presh 1 -DO YOU WANT to ADD Again  ?"<<endl;
641         cout << "\t\t\t\t\t Presh 2 - to BACK"<<endl;
642         cout<<endl;
643         cout<<"\t\t\t\t\t ENTER HEAR---- ";
644         cin>>x;
645         switch(x)
646         {
647             case 1:
648                 { system("cls");
649                   acd();
650                   }break;
651             case 2:
652                 {system("cls");
653                   updatedetailsmenu();

```



```

654         break;
655     }
656 }
657
658
659 void emp()
660 {
661     fontsize(24,24);
662     cout<<"\t\t\t\t\t"<<endl;
663     datetime();
664     system("Color A");
665     cout<<"\t\t\t\t\t"<<endl;
666     cout<<"\t\t\t\t\t*****"<<endl;
667     cout<<"\t\t\t\t\t*****"<<endl;
668     cout<<"\t\t\t\t\t**" <<endl;
669     cout<<"\t\t\t\t\t**          ADD DRIVER DETAILS          **" <<endl;
670     cout<<"\t\t\t\t\t**" <<endl;
671     cout<<"\t\t\t\t\t*****"<<endl;
672     cout<<"\t\t\t\t\t*****"<<endl;
673     cout<<"\t\t\t\t\t"<<endl;
674     cout<<"\t\t\t\t\t"<<endl;
675
676     string write;
677     ofstream myfile;
678     myfile.open ("emp.txt",ios::app);
679     myfile<<"*****"<<endl;
680     myfile<<"....."<<endl;
681
682     cout<<"\t\t\t\t\t 1-Input FULL NAME--"<<" ";    cin>>write;    myfile<<"1-NAME--"<<write<<endl;
683     cout<<"\t\t\t\t\t 2-Input ADDRESS--"<<" ";      cin>>write;    myfile<<"2-ADDRESS--"<<write<<endl;
684     cout<<"\t\t\t\t\t 3-Input DATE OF BIRTH--"<<" ";  cin>>write;    myfile<<"3-DATE OF BIRTH--"<<write<<endl;
685     cout<<"\t\t\t\t\t 4-Input TELEPHONE NUMBER--"<<" ";cin>>write;    myfile<<"4-TELEPHON NUM--"<<write<<endl;
686     cout<<"\t\t\t\t\t 5-Input EMAIL ADDRESS--"<<" ";  cin>>write;    myfile<<"5-EMAIL--"<<write<<endl;
687     cout<<"\t\t\t\t\t 6-Input JOB DESIGNATION(driver)--"<<" ";cin>>write;    myfile<<"6-JOB DESIGNATION--"<<write<<endl;
688     cout<<"\t\t\t\t\t 7-Input JOB TO JOIN DATE--"<<" ";cin>>write;    myfile<<"7-JOB TO JOIN DATE--"<<write<<endl;
689     cout<<"\t\t\t\t\t 8-Input JOB SALARY--"<<" ";      cin>>write;    myfile<<"8-JOB SALARY--"<<write<<endl;
690
691     cout<<endl;
692     cout<<endl;
693     cout<<"\t\t\t\t\t .....successfully....!"<<endl;
694     sleep(3);
695     myfile<<" "<<endl;
696     myfile.close();
697     int x;
698     cout<<endl;
699     cout << "\t\t\t\t\t presh 1 -DO YOU WANT to ADD Again ?"<<endl;
700     cout << "\t\t\t\t\t Presh 2 - to BACK"<<endl;
701     cout<<endl;
702     cout<<"\t\t\t\t\t ENTER HEAR---- ";
703     cin>>x;
704     switch(x)
705     {
706     case 1:
707     { system("cls");
708       emp();
709       }break;
710     case 2:
711     {system("cls");
712       updatedetailsmenu();
713       }
714     }
715 }
716
717

```

```

718 void bookingdetailsmenu()
719 {
720     fontsize(24,24);
721     system("Color D");
722     cout<<"\t\t\t\t\t"<<endl;
723     cout<<"\t\t\t\t\t"<<endl;
724     cout<<"\t\t\t\t\t*****"<<endl;
725     cout<<"\t\t\t\t\t*****"<<endl;
726     cout<<"\t\t\t\t\t*****"<<endl;
727     cout<<"\t\t\t\t\t**" <<endl;
728     cout<<"\t\t\t\t\t**          BOOKING   DETAILS          **"<<endl;
729     cout<<"\t\t\t\t\t**" <<endl;
730     cout<<"\t\t\t\t\t*****"<<endl;
731
732     string line;
733     ifstream myfile ("bookin.txt");
734     if (myfile.is_open())
735     {
736         while ( getline (myfile,line) )
737         {
738             cout<<"\t\t\t\t\t" << line << '\n';
739         }
740         myfile.close();
741     }
742
743     else
744     {
745         cout<<endl;
746         cout<<endl;
747         cout << "\t\t\t\t\t CAN NOT OPEN FILE";
748         sleep(3);
749     }
750 }
751
752 void bookin()
753 {
754     fontsize(24,24);
755     cout<<"\t\t\t\t\t"<<endl;
756     datetime();
757     system("Color A");
758     cout<<"\t\t\t\t\t"<<endl;
759     cout<<"\t\t\t\t\t*****"<<endl;
760     cout<<"\t\t\t\t\t*****"<<endl;
761     cout<<"\t\t\t\t\t**" <<endl;
762     cout<<"\t\t\t\t\t**          ADD BOOKING DETAILS          **"<<endl;
763     cout<<"\t\t\t\t\t**" <<endl;
764     cout<<"\t\t\t\t\t*****"<<endl;
765     cout<<"\t\t\t\t\t*****"<<endl;
766     cout<<"\t\t\t\t\t"<<endl;
767     cout<<"\t\t\t\t\t"<<endl;
768
769     string write;
770     ofstream myfile;
771     myfile.open ("bookin.txt",ios::app);
772     myfile<<"*****"<<endl;
773     myfile<<"....."<<endl;
774
775     cout<<"\t\t\t\t\t 1-Input CUSTOMER NAME--"<<" "; cin>>write; myfile<<"1-CUSTOMER NAME--"<<write<<endl;
776     cout<<"\t\t\t\t\t 2-Input CONTACT NUM--"<<" "; cin>>write; myfile<<"2-CONTACT NUM--"<<write<<endl;
777     cout<<"\t\t\t\t\t 3-Input CUSTOMER EMAIL--"<<" "; cin>>write; myfile<<"3-EMAIL--"<<write<<endl;
778     cout<<"\t\t\t\t\t 4-Input VEHICLE TYPE--"<<" "; cin>>write; myfile<<"4-VEHICAL TYPE--"<<write<<endl;
779     cout<<"\t\t\t\t\t 5-Input VEHICLE NAME--"<<" "; cin>>write; myfile<<"5-VEHICLE NAME--"<<write<<endl;
780     cout<<"\t\t\t\t\t 6-Input PICKUP ADDRESS--"<<" "; cin>>write; myfile<<"6-PICKUP ADDRESS--"<<write<<endl;
781     cout<<"\t\t\t\t\t 7-Input DROP ADDRESS--"<<" "; cin>>write; myfile<<"7-DROP ADDRESS--"<<write<<endl;

```

```

782     cout<<"\t\t\t\t\t 8-Input DATE--"<<" ";           cin>>write;   myfile<<"8-DATE--"<<write<<endl;
783
784     cout<<endl;
785     cout<<endl;
786     cout<<"\t\t\t\t\t .....successfully....!"<<endl;
787     sleep(3);
788     myfile<<" "<<endl;
789     myfile.close();
790
791     int x;
792     cout<<endl;
793     cout << "\t\t\t\t\t presh 1 -DO YOU WANT to BOOK Again ?"<<endl;
794     cout << "\t\t\t\t\t Presh 2 - to BACK"<<endl;
795     cout<<endl;
796     cout<<"\t\t\t\t\t ENTER HEAR---- ";
797     cin>>x;
798     switch(x)
799     {
800     case 1:
801     {
802         system("cls");
803         bookin();
804         }break;
805     case 2:
806     {
807         system("cls");
808         updatedetailsmenu();
809         }
810     }
811
812 }
813
814 void cleardetailsmenu()
815 {
816     fontsize(24,24);
817     system("Color A");
818     cout<<"\t\t\t\t\t"<<endl;
819     cout<<"\t\t\t\t\t"<<endl;
820     cout<<"\t\t\t\t\t*****"<<endl;
821     cout<<"\t\t\t\t\t*****"<<endl;
822     cout<<"\t\t\t\t\t*****"<<endl;
823     cout<<"\t\t\t\t\t**" <<endl;
824     cout<<"\t\t\t\t\t**" <<endl;
825     cout<<"\t\t\t\t\t**" <<endl;
826     cout<<"\t\t\t\t\t*****"<<endl;
827     cout<<"\t\t\t\t\t*****"<<endl;
828     cout<<"\t\t\t\t\t"<<endl;
829     cout<<"\t\t\t\t\t"<<endl;
830
831     cout<<"\t\t\t\t\t 1)---VEHICLE DETAILS" <<endl;
832     cout<<"\t\t\t\t\t 2)---DRIVER DETAILS" <<endl;
833     cout<<"\t\t\t\t\t 3)---BOOKING DETAILS" <<endl;
834     cout<<"\t\t\t\t\t 4)---ABOUT COMPANY DETAILS" <<endl;
835     cout<<"\t\t\t\t\t 5)---LOG OUT" <<endl;
836     cout<<"\t\t\t\t\t 6)---BACK" <<endl;
837     cout<<"\t\t\t\t\t 7)---EXIT" <<endl;
838     cout<<"\t\t\t\t\t"<<endl;
839     cout<<"\t\t\t\t\t ENTER 1--7 HEAR---- ";
840
841     int n;
842     cin>>n;
843     if(n==1)
844     {

```



```
845 {
846     clvd();
847 }
848 else if(n==2)
849 {
850     clemp();
851 }
852 else if(n==3)
853 {
854     clbookin();
855 }
856 else if(n==4)
857 {
858     clacd();
859 }
860 else if(n==5)
861 {
862     system("cls");
863     login();
864 }
865 else if(n==6)
866 {
867     system("cls");
868     editdetailsmenu();
869 }
870 else if(n==7)
871 {
872     system("cls");
873     exit();
874 }
875 else
876 {
877     system("cls");
878     cleardetailsmenu();
879 }
880 }
881
882 void clvd()
883 {
884     fontsize(24,24);
885     ofstream myfile;
886     myfile.open ("vehicledts.txt",ios::out);
887     myfile.close();
888
889     cout<<"\t\t\t\t\t"<<endl;
890     cout<<"\t\t\t\t\t"<<endl;
891     cout<<"\t\t\t\t\t"<<endl;
892     cout<<"\t\t\t\t\t"<<endl;
893     cout<<endl;
894     cout<<endl;
895     cout<<"\t\t\t\t\t**          SUCCESSFULL CLEARED ALL CONTENT !....          **"<<endl;
896
897     sleep(3);
898     system("cls");
899     cleardetailsmenu();a
900 }
901
```

```
902 void clacd()
903 {
904     fontsize(24,24);
905     ofstream myfile;
906     myfile.open ("about company.txt",ios::out);
907     myfile.close();
908
909     cout<<"\t\t\t\t\t"<<endl;
910     cout<<"\t\t\t\t\t"<<endl;
911     cout<<"\t\t\t\t\t"<<endl;
912     cout<<"\t\t\t\t\t"<<endl;
913     cout<<endl;
914     cout<<endl;
915     cout<<"\t\t\t\t\t**      SUCCESSFULL CLEARED ALL CONTENT !....      ***"<<endl;
916
917     sleep(3);
918     system("cls");
919     cleardetailsmenu();
920 }
921
922 void clempt()
923 {
924     fontsize(24,24);
925     ofstream myfile;
926     myfile.open ("emp.txt",ios::out);
927     myfile.close();
928
929     cout<<"\t\t\t\t\t"<<endl;
930     cout<<"\t\t\t\t\t"<<endl;
931     cout<<"\t\t\t\t\t"<<endl;
932     cout<<"\t\t\t\t\t"<<endl;
933     cout<<endl;
934     cout<<endl;
935     cout<<"\t\t\t\t\t**      SUCCESSFULL CLEARED ALL CONTENT !....      ***"<<endl;
936
937     sleep(3);//second 1s to sleep
938     system("cls");
939     cleardetailsmenu();//again yann
940 }
941
942 void clbookin()
943 {
944
945     fontsize(24,24);
946     ofstream myfile;
947     myfile.open ("bookin.txt",ios::out);
948     myfile.close();
949
950     cout<<"\t\t\t\t\t"<<endl;
951     cout<<"\t\t\t\t\t"<<endl;
952     cout<<"\t\t\t\t\t"<<endl;
953     cout<<"\t\t\t\t\t"<<endl;
954     cout<<endl;
955     cout<<endl;
956     cout<<"\t\t\t\t\t**      SUCCESSFULL CLEARED ALL CONTENT !....      ***"<<endl;
957
958     sleep(3);//second 1s to sleep
959     system("cls");
960     cleardetailsmenu();
961 }
962
```

```

963 void payment()
964 {
965     fontsize(24,24);
966     int nd;
967     float nk,nh,kp,hp,dp,tp
968     string pp,d,m,ty;
969
970     system("Color 9");
971     cout<<"\t\t\t\t\t"<<endl;
972     datetime();
973
974     cout<<"\t\t\t\t\t"<<endl;
975     cout<<"\t\t\t\t\t-----"<<endl;
976     cout<<"\t\t\t\t\t:PAYMENT BILL:"<<endl;
977     cout<<"\t\t\t\t\t-----"<<endl;
978     cout<<"\t\t\t\t\t"<<endl;
979     cout<<"\t\t\t\t\t"<<endl;
980
981     cout<<"\t\t\t\t\t 1) Enter pickup place:-- ";
982     cin>> pp;
983     cout<<"\t\t\t\t\t 2) Enter drop place:-- ";
984     cin>> d;
985     cout<<"\t\t\t\t\t 3) how far traveled you (km):-- ";
986     cin>> nk; //distance
987     cout<<"\t\t\t\t\t 4) Enter traveled number of Hours:-- ";
988     cin>> nh;
989     cout<<"\t\t\t\t\t 5) Enter Number of Days you stayed:-- ";
990     cin>> nd;
991     cout<<"\t\t\t\t\t 6) Enter Vehical type(CAB/CAR/VAN AND OTHERS):-- ";
992     cin>> ty;
993     cout<<"\t\t\t\t\t 7) Enter charge per km(RS):-- ";
994     cin>> kp;
995     cout<<"\t\t\t\t\t 8) Enter charge per Hour(RS):-- ";
996     cin>> hp;
997     cout<<"\t\t\t\t\t 9) Enter charge per Day(RS):-- ";
998     cin>> dp;
999     cout<<"\t\t\t\t\t 10) Enter payment method(card or cash):-- ";
1000     cin>> m;
1001
1002     cout<<endl;
1003     cout<<endl;
1004     cout<<"\t\t\t\t\t .....successfully....!"<<endl;
1005     sleep(3);
1006     tp=((nk*kp)+(nh*hp)+(nd*dp));
1007     dis=(tp*0.02);
1008     p=(tp*0.98);
1009
1010     system("cls");
1011
1012     system("Color F");
1013     cout<<"\t\t\t\t\t"<<endl;
1014     cout<<"\t\t\t\t\t"<<endl;
1015     cout<<"\t\t\t\t\t-----"<<endl;
1016     cout<<"\t\t\t\t\t:INVOICE:"<<endl;
1017     cout<<"\t\t\t\t\t-----"<<endl;
1018     cout<<"\t\t\t\t\t"<<endl;
1019     cout<<"\t\t\t\t\t"<<endl;
1020     cout<<"\t\t\t\t\t 1)-From --" <<pp<<"<<endl;
1021     cout<<"\t\t\t\t\t 2)-To --" <<d<<"<<endl;
1022     cout<<"\t\t\t\t\t 3)-Traveled --" <<nh<<"hours and" <<" " <<nd<<"days." <<endl;
1023     cout<<"\t\t\t\t\t 4)-Your Traveled Distance --" <<nk<<"km" <<endl;
1024     cout<<"\t\t\t\t\t 5)-Your Vehicle Type --" <<ty<<"<<endl;
1025     cout<<"\t\t\t\t\t 6)-Charge Per One Km --" <<kp<<"Rs." <<endl;
1026     cout<<"\t\t\t\t\t 7)-Charge Per Hour --" <<hp<<"Rs." <<endl;
1027     cout<<"\t\t\t\t\t 8)-Charge Per Day --" <<dp<<"Rs." <<endl;

```



```

1027 cout<<"\t\t\t\t\t- 8)-Charge Per Day          --"<<dp<<"Rs.          "<<endl;
1028 cout<<"\t\t\t\t\t- 9)-Payment Method          --"<<m<<"          "<<endl;
1029 cout<<"\t\t\t\t\t-10)-You Have"<<" "<<dis<<"--Rs"<<" "<<"Special Discount .          "<<endl;
1030 cout<<"\t\t\t\t\t-          "<<endl;
1031 cout<<"\t\t\t\t\t-          ***** You Should Pay  --"<<p<<"--Rs.          "<<endl;
1032 cout<<"\t\t\t\t\t-          -----          "<<endl;
1033 cout<<"\t\t\t\t\t::: COME AGAIN ! :::          "<<endl;
1034 cout<<"\t\t\t\t\t-----          "<<endl;
1035
1036 int x;
1037 cout<<endl;
1038 cout << "\t\t\t\t\t presh 1 -DO YOU WANT to PAY BILL again ?"<<endl;
1039 cout << "\t\t\t\t\t Presh 2 - to BACK"<<endl;
1040 cout<<endl;
1041 cout<<"\t\t\t\t\t ENTER HEAR---- ";
1042 cin>>x;
1043 switch(x)
1044 {
1045     case 1:
1046     {
1047         system("cls");
1048         payment();
1049         break;
1050     }
1051     case 2:
1052     {
1053         system("cls");
1054         menu();
1055         break;
1056     }
1057     default :
1058     {
1059         system("pause");
1060         break;
1061     }
1062 }
1063
1064
1065 void aboutcompanydetailsmenu()
1066 {
1067     fontsize(24,24);
1068     system("color D");
1069     cout<<"\t\t\t\t\t"<<endl;
1070     cout<<"\t\t\t\t\t"<<endl;
1071     cout<<"\t\t\t\t\t*****"<<endl;
1072     cout<<"\t\t\t\t\t*****"<<endl;
1073     cout<<"\t\t\t\t\t*****"<<endl;
1074     cout<<"\t\t\t\t\t**          **"<<endl;
1075     cout<<"\t\t\t\t\t**          ABOUT COMPANY DETAILs          **"<<endl;
1076     cout<<"\t\t\t\t\t**          **"<<endl;
1077     cout<<"\t\t\t\t\t*****"<<endl;
1078     cout<<"\t\t\t\t\t"<<endl;
1079     cout<<"\t\t\t\t\t"<<endl;
1080     cout<<"\t\t\t\t\t"<<endl;
1081     cout<<"\t\t\t\t\t"<<endl;
1082
1083     string line;
1084     ifstream myfile ("about company.txt");
1085     if (myfile.is_open())
1086     {
1087         while ( getline (myfile,line) )
1088         {
1089             cout<<"\t\t\t\t\t" << line << '\n';
1090         }
1091     }
1092 }

```

```

1091         myfile.close();
1092
1093         int x;
1094         cout<<endl;
1095         cout << "\t\t\t\t\t Presh 1 to BACK--";
1096         cin>>x;
1097         if(x==1)
1098         {
1099             system("cls");
1100             viewdetailsmenu();
1101         }
1102         else
1103         {
1104             system("cls");
1105             aboutcompanydetailsmenu();
1106         }
1107     }
1108
1109
1110     else
1111     {
1112         cout<<"\t\t\t\t\t"<<endl;
1113         cout<<"\t\t\t\t\t"<<endl;
1114         cout<<"\t\t\t\t\t"<<endl;
1115         cout<<"\t\t\t\t\t"<<endl;
1116         cout << "CAN NOT OPEN FILE";
1117         sleep(3);
1118     }
1119 }
1120
1121
1122 void howtousesoftware()
1123 {
1124     fontsize(24,24);
1125     system("Color 3");
1126     cout<<"\t\t\t\t\t"<<endl;
1127     cout<<"\t\t\t\t\t"<<endl;
1128     cout<<"\t\t\t\t\t*****"<<endl;
1129     cout<<"\t\t\t\t\t*****"<<endl;
1130     cout<<"\t\t\t\t\t*****"<<endl;
1131     cout<<"\t\t\t\t\t**                **"<<endl;
1132     cout<<"\t\t\t\t\t**                HOW TO USE THIS                **"<<endl;
1133     cout<<"\t\t\t\t\t**                SOFTWARE                **"<<endl;
1134     cout<<"\t\t\t\t\t*****"<<endl;
1135     cout<<"\t\t\t\t\t*****"<<endl;
1136     cout<<"\t\t\t\t\t"<<endl;
1137     cout<<"\t\t\t\t\t"<<endl;
1138     string line;
1139     ifstream myfile ("howtousthissoftware.txt");
1140     if (myfile.is_open())
1141     {
1142         while ( getline (myfile,line) )
1143         {
1144             cout<<"\t\t\t\t\t" << line << '\n';
1145         }
1146         myfile.close();
1147     }
1148     else
1149     {
1150         cout<<endl;
1151         cout<<endl;
1152         cout << "\t\t\t\t\tCAN NOT OPEN FILE";

```

```
1153         sleep(3);
1154     }
1155 }
1156
1157 void fontsize(int a, int b)
1158 {
1159     PCONSOLE_FONT_INFOEX lpConsoleCurrentFontEx = new CONSOLE_FONT_INFOEX();
1160     lpConsoleCurrentFontEx->cbSize = sizeof(CONSOLE_FONT_INFOEX);
1161     GetCurrentConsoleFontEx(out, 0, lpConsoleCurrentFontEx);
1162     lpConsoleCurrentFontEx->dwFontSize.X = a;
1163     lpConsoleCurrentFontEx->dwFontSize.Y = b;
1164     SetCurrentConsoleFontEx(out, 0, lpConsoleCurrentFontEx);
1165 }
1166
1167 void datetime()
1168 {
1169     time_t t = time(NULL);
1170     tm* timePtr = localtime(&t);
1171     cout << endl;
1172     cout << endl;
1173     cout << "\t\t\t\t\tDate " << (timePtr->tm_mday) << "/" << (timePtr->tm_mon)+1 << "/" << (timePtr->tm_year)+1900 << " ";
1174     cout << "\t\t\t\t\tTime " << (timePtr->tm_hour) << ":" << (timePtr->tm_min) << ":" << (timePtr->tm_sec) << endl;
1175 }
1176
1177 void welcome()
1178 {
1179     cout << endl;
1180     cout << endl;
1181     char arr[14]={'T','O','U','R',' ','M','A','T','E',' ',' ','2','0','2','0'};
1182     for(int a=0;a<=14;a++)
1183     {
1184         fontsize(100,100);
1185         cout << " " << arr[a];
1186         sleep(1);
1187     }
1188
1189
1190 }
1191
```