



```

73 //b
74 if(numpl>0)
75 {
76     cout<<"\n\t\tPlease Enter The Details of each Member/Members: "<<endl;
77     for(int i=0;i<numpl;i++)
78     {
79         cout<<endl<<"\n\t\tMember "<<i+1;
80
81         cout<<"\n\n\t\tFirst Name: ";
82         cin>>name[i];
83         cout<<"\n\t\tAge: ";
84         cin>>age[i];
85         cout<<"\n\t\tSex (M/F): ";
86         cin>>sex[i];
87         cout<<"\n\t\tPassport Number: ";
88         cin>>passnum[i];
89         if(age[i]>5)
90         {
91             num++; //to calculate no of travellers below 5 yrs
92         }
93     }
94 }
95 }
96 void persdetails::p_output() //output func() of class1
97 {
98     //b
99     cout<<"\n\n\t***** PERSONAL DETAILS *****"<<endl;
100     cout<<"\n\n\t\tFamily Name:\t "<<familyname<<endl;
101     cout<<"\t\t\tAddress:\t "<<add<<endl;
102     cout<<"\t\t\tPhone Number:\t "<<phnum<<endl;
103     cout<<"\n\n\tName\t\tAge\t\tSex\t\tPassport Number\n"<<endl;
104     for(int i=0;i<numpl;i++)
105     {
106         cout<<"\t"<<name[i]<<"\t"<<age[i]<<"\t"<<sex[i]<<"\t"<<passnum[i]<<endl;
107     }
108     getch();
109 }
110 class travdetails:public trvelcode //class which holds the travel details
111 {
112     int trvtcode;
113     int day;
114     int month;
115     int year;
116     int num1;
117     int bdg_pt;
118     int go_pt;
119     int deck;
120     int cabin;
121     int pool;
122     int gym;
123     int sports;
124     int salon;
125     int spa;
126     int theatre;
127     public:
128     friend ostream& operator <<(ostream& out,travdetails per)
129     {
130         cout<<"\n\n\t\t\t\t\t||__TRAVEL DETAILS__";
131         cout<<"\n\n\t\t\tPlease enter the following details for your journey:";
132         cout<<"\n\n\t\t\t*Note:Options marked with '*' are compulsory.\n\t\t\tPlease do select them.";
133         return out;
134     }
135     travdetails(){ "\n creating travel details\n";}
136     ~travdetails(){};
137     void initial();
138     void t_input(int);
139     void t_output();
140     void compute();
141     int gcode();
142     void accept(int);
143 }tob;
144 void travdetails::initial()

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145 {
146     pool=gym=theatre=sports=salon=0;
147 }
148 void travdetails::accept(int c)
149 {
150     num1=c;
151 }
152 int travdetails::gcode()
153 {
154     return trvtcode;
155 }
156 void travdetails::t_input(int cd) //input func()-class2
157 {
158     tob.initial();
159     trvtcode=cd;
160     int i=1,opt;
161     //b
162     do
163     {
164         //b
165         cout<<endl;
166
167         cout<<"\n\n\n\t\t\t*1.Boarding Point\n\t\t\t\t*2.Destination\n\t\t\t\t*3.Date of Departure
\n\t\t\t\t*4.Deck\n\t\t\t\t\t5.Cabin\n\t\t\t\t\t6.Swimming Pool\n\t\t\t\t\t7.Gymnasuim\n\t\t\t\t\t
8.Sports\n\t\t\t\t\t9.Salon\n\t\t\t\t\t10.Spa\n\t\t\t\t\t11.Theatre\n\t\t\t\t\t12.Back\n\n\n\t\t\t\t";
168         cin>>opt;
169         switch(opt)
170         {
171             case 1://b
172                 cout<<"\n\n\n\t\t\tSelect Boarding point:\n\n\n\t\t\t1.Mumbai\n\t\t\t2.Cochin\n\n\n\t
\t\t\t3.Chennai\n\n\n\t\t\t";
173                 cin>>bdg_pt;
174                 break;
175             case 2://b
176                 cout<<"\n\n\n\t\t\t***** Select Destination *****\n\n\n";
177                 cout<<"\t 1.New York\t\t6.Dubai\t\t\t11.Antananariv";
178                 cout<<"\n\n\t 2.Miami\t\t7.Lisbon\t\t12.Cairo\n\n";
179                 cout<<"\t 3.Rio De Janeiro\t8.London\t\t13.Perth";
180                 cout<<"\n\n\t 4.Colombo\t\t9.Copenhagen\t\t14.Sydney";
181                 cout<<"\n\n\t 5.Hong Kong\t\t10.Cape Town\t\t15.Wellington\n\n\n\n\n\t\t\t ";
182                 cin>>go_pt;
183                 break;
184             case 3://b
185                 cout<<"\n\n\n\t\t\t===== Date of Departure =====";
186                 cout<<"\n\n\t\t\t* Note:Format for entering:Day(press enter)Month(press enter)Year *";
187                 cout<<"\n\n\n\t\t\tEnter your preferred date of departure: ";
188                 cin>>day;
189                 //b(59,7); //to create a paricular format for entry
190                 cout<<"/";
191                 cin>>month;
192                 //b(62,7);
193                 cout<<"/";
194                 cin>>year;
195                 break;
196             case 4://b
197                 cout<<"\n\n\n\t\t\tEnter The Choice OF Deck\n\n\n\t\t\t1.Top Deck\n\n\n\t\t\t2.Middle
Decks\n\n\n\t\t\t3.Bottom Deck\n\n\n\t\t\t";
198                 cin>>deck;
199                 break;
200             case 5://b
201                 cout<<"\n\n\n\t\t\tEnter The Choice Of Cabin\n\n\n\t\t\t1.AC\n\n\n\t\t\t2.Non AC\n\n\n\t\t
\t\t\t";
202                 cin>>cabin;
203                 break;
204             case 6://b
205                 cout<<"\n\n\n\t\t\tDo You Like To Avail The Facility Of A Swimming Pool\n\n\n\t\t\t1.No\n
\n\t\t\t2.Yes\n\n\n\t\t\t";
206                 cin>>pool;
207                 pool--;
208                 break;
209             case 7://b

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210         cout<<"\n\n\t\tDo You Like To Avail The Facility Of A Gymnasium\n\n\t\t\t1.No\n\n\t\t\t2.Yes\n\n\t\t\t\t";
211         cin>>gym;
212         gym--;
213         break;
214     case 8://b
215         cout<<"\n\n\t\tDo You Like To Avail The Sports Facilities Offered\n\n\t\t\t1.No\n\n\t\t\t2.Yes\n\n\t\t\t\t";
216         cin>>sports;
217         sports--;
218         break;
219     case 9://b
220         cout<<"\n\n\t\tDo You Like To Avail The Facility Of Beauty Salon\n\n\t\t\t1.No\n\n\t\t\t2.Yes\n\n\t\t\t\t";
221         cin>>salon;
222         salon--;
223         break;
224     case 10://b
225         cout<<"\n\n\t\tDo You Like To Avail The Facility Of Spa and Ayurvedic Treatment\n\n\t\t\t1.No\n\n\t\t\t2.Yes\n\n\t\t\t\t";
226         cin>>spa;
227         spa--;
228         break;
229     case 11://b
230         cout<<"\n\n\t\tDo You Like To Avail The Facility Of Amphitheatre\n\n\t\t\t1.No\n\n\t\t\t2.Yes\n\n\t\t\t\t";
231         cin>>theatre;
232         theatre--;
233         break;
234     case 12:i=0;
235         break;
236     }
237 }while(i==1);
238 }
239 void boardpt(int c) //for easy o/p
240 {
241     if(c==1)
242         cout<<"Mumbai\t";
243     if(c==2)
244         cout<<"Cochin\t";
245     if(c==3)
246         cout<<"Chennai\t";
247 }
248 void dest(int d) //for easy o/p
249 {
250     switch(d)
251     {
252     case 1:cout<<"New York";
253         break;
254     case 2:cout<<"Miami";
255         break;
256     case 3:cout<<"Rio De Janero";
257         break;
258     case 4:cout<<"Colombo";
259         break;
260     case 5:cout<<"Hong Kong";
261         break;
262     case 6:cout<<"Dubai";
263         break;
264     case 7:cout<<"Lisbon";
265         break;
266     case 8:cout<<"London";
267         break;
268     case 9:cout<<"Copenhagen";
269         break;
270     case 10:cout<<"Cape Town";
271         break;
272     case 11:cout<<"Antananriv";
273         break;
274     case 12:cout<<"Cairo";
275         break;
276     case 13:cout<<"Perth";

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277         break;
278     case 14:cout<<"Sydney";
279         break;
280     case 15:cout<<"Willington";
281         break;
282     }
283 }
284 void travdetails::t_output() //output func()-class2
285 {
286     //b
287     cout<<"\n\n\t***** TRAVEL DETAILS *****";
288     cout<<"\n\n\t\tBoarding Point: ";
289     boardpt(bdg_pt);
290     cout<<"\n\n\t\tDestination: ";
291     dest(go_pt);
292     cout<<"\n\n\t\tDate of departure: ";
293     cout<<day<<"/"<<month<<"/"<<year;
294     cout<<"\n\n\t\tDeck: ";
295     switch(deck)
296     {
297         case 1:cout<<"Top Deck";
298             break;
299         case 2:cout<<"Middle Deck";
300             break;
301         case 3:cout<<"Bottom Deck";
302             break;
303     }
304     cout<<"\n\n\t\tCabin: ";
305     switch(cabin)
306     {
307         case 1:cout<<"AC cabin";
308             break;
309         case 2:cout<<"Non-AC cabin";
310             break;
311     }
312     cout<<"\n\n\n\tFacilities availed for are:";
313     if(pool==1)
314         cout<<"\n\t\t\t\tSwimming Pool";
315     if(gym==1)
316         cout<<"\n\t\t\t\tGymnasuim";
317     if(sports==1)
318         cout<<"\n\t\t\t\tSports Facilities";
319     if(spa==1)
320         cout<<"\n\t\t\t\tSpa and Ayurvedic Treatment";
321     if(salon==1)
322         cout<<"\n\t\t\t\tBeauty Salon";
323     if(theatre==1)
324         cout<<"\n\t\t\t\tTheatre";
325     getch();
326 }
327 void family(int c,int&flag) //to display familynameto check for record
328 {
329     flag=0;
330     //b
331     ifstream ifl("personal.txt");
332     if(!ifl)
333         cout<<"\nError";
334     ifl.read((char*)&pob,sizeof(pob));
335     while(!ifl.eof())
336     {
337         if(pob.gcode()==c)
338         {
339             flag=1;
340             break;
341         }
342         ifl.read((char*)&pob,sizeof(pob));
343     }
344     if(flag==1)
345     {
346         cout<<"\n\n\t\t***** ";
347         pob.givefam();
348         cout<<"'s FAMILY DATABASE *****";

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```
349     }
350     else
351     {
352         cout<<"\nError in locating record!!";
353     }
354     ifl.close();
355 }
356 void editp(int c) //to edit persdetails
357 {
358     ofstream ofl2("templ.txt");
359     if(!ofl2)
360         cout<<"Error While Opening File";
361     ifstream ifl4("personal.txt");
362     if(!ifl4)
363         cout<<"Error While Opening File";
364     ifl4.read((char*)&pob,sizeof(pob));
365     while(!ifl4.eof())
366     {
367         if(pob.gcode()==c)
368         {
369             //b
370             cout<<"Please Enter the New details of the record"<<endl;
371             pob.p_input(c);
372             ofl2.write((char*)&pob,sizeof(pob));
373             cout<<"\n\t\t\tModification Succesful!!!";
374             ifl4.read((char*)&pob,sizeof(pob));
375         }
376         else
377         {
378             ofl2.write((char*)&pob,sizeof(pob));
379             ifl4.read((char*)&pob,sizeof(pob));
380         }
381     }
382     ifl4.close();
383     ofl2.close();
384     !remove("personal.txt");
385     rename("templ.txt","personal.txt");
386     getch();
387 }
388 void edittr(int c) //to edit travdetails
389 {
390     ofstream ofl2("templ.txt");
391     if(!ofl2)
392         cout<<"Error While Opening File";
393     ifstream ifl4("TravelDetails.txt");
394     if(!ifl4)
395         cout<<"Error While Opening File";
396     ifl4.read((char*)&tob,sizeof(tob));
397     while(!ifl4.eof())
398     {
399         if(tob.gcode()==c)
400         {
401             //b
402             cout<<"Please Enter the New details of the record"<<endl;
403             tob.t_input(c);
404             ofl2.write((char*)&tob,sizeof(tob));
405             cout<<"\n\t\t\tModification Succesful!!!";
406             ifl4.read((char*)&tob,sizeof(tob));
407         }
408         else
409         {
410             ofl2.write((char*)&tob,sizeof(tob));
411             ifl4.read((char*)&tob,sizeof(tob));
412         }
413     }
414 }
415 ifl4.close();
416 ofl2.close();
417 !remove("TravelDetails.txt");
418 rename("templ.txt","TravelDetails.txt");
419 getch();
420
```

```
421 }
422 void deletion(int c) //common delete func()
423 {
424     ofstream ofl9("tempx.txt");
425     if(!ofl9)
426         cout<<"Error While Opening File";
427     ifstream ifl4("personal.txt");
428     if(!ifl4)
429         cout<<"Error While Opening File";
430     ifl4.read((char*)&pob,sizeof(pob));
431     while(!ifl4.eof())
432     {
433         if(pob.gcode()!=c)
434         {
435             ofl9.write((char*)&pob,sizeof(pob));
436         }
437         ifl4.read((char*)&pob,sizeof(pob));
438     }
439     ofl9.close();
440     ifl4.close();
441     !remove("personal.txt");
442     rename("tempx.txt","personal.txt");
443     ofstream ofl3("temp2.txt");
444     if(!ofl3)
445         cout<<"\nError While Opening File";
446     ifstream ifl5("TravelDetails.txt");
447     if(!ifl5)
448         cout<<"\nError While Opening File";
449     ifl5.read((char*)&tob,sizeof(tob));
450     while(!ifl5.eof())
451     {
452         if(tob.gcode()!=c)
453         {
454             ofl3.write((char*)&tob,sizeof(tob));
455         }
456         ifl5.read((char*)&tob,sizeof(tob));
457     }
458     ofl3.close();
459     ifl5.close();
460     !remove("TravelDetails.txt");
461     rename("temp2.txt","TravelDetails.txt");
462     cout<<"\n\n\t\tDeletion Completed!";
463     getch();
464 }
465 void travdetails::compute() //computation+bill generation
466 {
467     long int gttl=0,hr,dcst,dck,cabn,swpool=5000,gm=2000,spfts=7500,slon=6000,sp=20000,ttr=500;
468     switch(go_pt)
469     {
470         case 1:;
471         case 2:;
472         case 3:hr=30*24;
473             dcst=250000;
474             break;
475         case 4:;
476         case 5:;
477         case 6:hr=7*24;
478             dcst=75000;
479             break;
480         case 7:;
481         case 8:;
482         case 9:hr=24*24;
483             dcst=130000;
484             break;
485         case 10:;
486         case 11:;
487         case 12:hr=15*24;
488             dcst=100000;
489             break;
490         case 13:;
491         case 14:;
492         case 15:hr=12*24;
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```

493         dcst=120000;
494         break;
495     }
496     switch(deck)
497     {
498         case 1:dck=7500;
499             break;
500         case 2:dck=5000;
501             break;
502         case 3:dck=1000;
503     }
504     switch(cabin)
505     {
506         case 1:cabn=5000;
507             break;
508         case 2:cabn=2000;
509             break;
510     }
511     //b
512     cout<<"\n\n\t\t\t::: BILL :::";
513     cout<<"\n\n\t\t\tBoarding point:\t\t ";
514     boardpt(bdg_pt);
515     cout<<"\n\n\t\t\tDestination:\t\t ";
516     dest(go_pt);
517     cout<<"\n\n\t\t\tDate of Departure: ";
518     cout<<day<<"/"<<month<<"/"<<year;
519     hr=hr/24;          //to calculate date of arrival
520     day=day+hr;
521     if(month==1 | month==3 | month==5 | month==7 | month==8 | month==10 | month==12)
522     {
523         if(day>31)
524         {
525             month=month+1;
526             day=day%31;
527         }
528     }
529     if(month==4 | month==6 | month==9 | month==11)
530     {
531         if(day>30)
532         {
533             month=month+1;
534             day=day%30;
535         }
536     }
537     if(month==2)
538     {
539         if(day>28)
540         {
541             month=month+1;
542             day=day%28;
543         }
544     }
545     if(month==13)
546     {
547         month=1;
548         year++;
549     }
550     cout<<"\n\n\t\t\tDate of Arrival: ";
551     cout<<day<<"/"<<month<<"/"<<year;
552     cout<<"\n\n\t\t\tSubject\t\t\tCost(for 1)\tNo of ppl\tTotal";
553     cout<<"\n\n\t\t\tTravel\t\t"<<dcst<<"\t\t " <<num1<<"\t\t"<<num1*dcst;
554     gttl+=num1*dcst;
555     cout<<"\n\n\t\t\tDeck\t\t"<<dck<<"\t\t " <<num1<<"\t\t"<<dck*num1;
556     gttl+=dck*num1;
557     cout<<"\n\n\t\t\tCabin\t\t"<<cabn<<"\t\t " <<num1<<"\t\t"<<cabn*num1;
558     gttl+=cabn*num1;
559     if(pool==1)
560     {
561         cout<<"\n\n\t\t\tSwimming Pool\t"<<swpool<<"\t\t " <<num1<<"\t\t"<<swpool*num1;
562         gttl+=swpool*num1;
563     }
564     if(qym==1)

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565     {
566         cout<<"\n\t\tGym\t\t"<<gm<<"\t\t" <<num1<<"\t\t"<<gm*num1;
567         gttl+=gm*num1;
568     }
569     if(sports==1)
570     {
571         cout<<"\n\t\tSports\t\t"<<spfts<<"\t\t" <<num1<<"\t\t"<<spfts*num1;
572         gttl+=spfts*num1;
573     }
574     if(salon==1)
575     {
576         cout<<"\n\t\tSalon\t\t"<<slon<<"\t\t" <<num1<<"\t\t"<<slon*num1;
577         gttl+=slon*num1;
578     }
579     if(spa==1)
580     {
581         cout<<"\n\t\tSpa\t\t"<<sp<<"\t\t" <<num1<<"\t\t"<<sp*num1;
582         gttl+=dcst*num1;
583     }
584     if(theatre==1)
585     {
586         cout<<"\n\t\tTheatre\t\t"<<ttr<<"\t\t" <<num1<<"\t\t"<<ttr*num1;
587         gttl+=ttr*num1;
588     }
589     cout<<"\n\n\n\t\t Grand Total:Rs ";
590     if(gttl>100000) //to provide comma's for grandtotal
591     {
592         cout<<gtttl/100000<<" ";
593         gttl=gtttl%100000;
594     }
595     if(gttl>1000)
596     {
597         cout<<gtttl/1000<<" ";
598         gttl=gtttl%1000;
599     }
600     cout<<gtttl;
601     if(gttl<10)
602     cout<<"00";
603     cout<<" +";
604     cout<<"\n\n\t\t! All Travellers below the age of 5 have not been charged !";
605     getch();
606 }
607 int main()
608 {
609
610     //b
611     cout<<"\n=====\\n";
612     cout<<"\n\t\tWELCOME TO MINIPROJECT ON C++\n";
613     cout<<"\t\tTHIS IS A TRAVEL AGENCY SOFTWARE\n";
614     cout<<"\n=====\\n";
615     ifstream fl("INITIALL.txt"); //initialisation of code
616     if(!fl)
617     cout<<"\nError";
618     fl.read((char*)&code,sizeof(code));
619     fl.close();
620     int opt,opt1,opt2,opt3,opt4;
621     int acceptcode,flag;
622     getch();
623     string pass ="";
624     char ch;
625     cout << "\nEnter password to login\n";
626     ch = _getch();
627     while(ch != 13){//character 13 is enter
628         pass.push_back(ch);
629         cout << '*';
630         ch = _getch();
631     }
632
633
634     try
635
636     {

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```

637 if(pass == "nmitcs3"){
638
639     cout<<".....";
640     cout<<"\nlogging in\n";
641     do
642     {
643         cout<<"\n=====
\n";
644         cout<<"\n\t\t\t\t\tMAIN MENU\t\t\t\t\t\n\n";
645         cout<<"\n=====
\n";
646         cout<<"\n\t\t\t\t\tPlease select a kind of user:";
647         cout<<"\n\n\t\t\t\t\t1.New User\n\n\t\t\t\t\t2.Existing User\n\n\t\t\t\t\t3.Exit";
648         cout<<"\n\n\t\t\t\t\t_ : ";
649         cin>>opt;
650         switch(opt)
651         {
652             case 1:do
653             {
654                 //b
655                 cout<<"\n\n\n\t\t\t\t\tNEW USER\n";
656                 cout<<"\t\t\t\t\t*****\n\n";
657                 cout<<"\n\n\t\t\t\t\tChoose the type of details you want to enter:";
658                 cout<<"\n\n\t\t\t\t\t1.Personal Details\n\n\t\t\t\t\t2.Travel Details\n\n\t\t\t\t\t
\t3.Back\n\n\t\t\t\t\t_ : ";
659                 cin>>opt1;
660                 switch(opt1)
661                 {
662                     case 1:code++;
663                     {
664                         cout<<pob;
665                         pob.p_input(code);
666                         ofstream ofl("personal.txt",ios::app);
667                         if(!ofl)
668                             cout<<"\n\n\t\t\t\t\tSorry.The File Cannot Be Opened For Writing"<<endl;
669                         ofl.write((char*)&pob,sizeof(pob));
670                         ofl.close();
671                         break;
672                     }
673                     case 2:
674                     {
675                         cout<<tob;
676                         tob.t_input(code);
677                         ofstream ofl1("TravelDetails.txt",ios::app);
678                         if(!ofl1)
679                             cout<<"\n\n\t\t\t\t\tSorry.The File Cannot Be Opened For Writing"<<endl;
680                         ofl1.write((char*)&tob,sizeof(tob));
681                         ofl1.close();
682                         //b
683                         cout<<"\n\n\n\n!!!!Your Details Have Been Registered.Please Make A Note
Of This Code: "<<code;
684                         cout<<"\n\n* For modifications,Please visit 'existing user' section in
the main screen";
685                         getch();
686                         break;
687                     }
688                 }
689             }while(opt1!=3);
690             break;
691             case 2://b
692                 cout<<"\n\n\t\t\t\t\t***** EXISTING USER *****\n\n\t\t\t\t\tPlease Enter The Travel Code
That Was Given To You\n\n\t\t\t\t\t_ ";
693                 cin>>acceptcode;
694                 if(acceptcode>code)
695                 {
696                     cout<<"\nNo such record has been created!";
697                     break;
698                 }
699                 family(acceptcode,flag);
700                 cout<<endl<<endl<<"\t\t\t\t\tCode no:"<<acceptcode;
701                 getch();
702                 if(flag==1)

```

```

703 {
704 do
705 {
706 //b
707 cout<<"\n\n\t\t\t***** Information Centre *****";
708 cout<<"\n\n\tPlease select the type of operation that you would like to perform:";
709 cout<<"\n\n\t\t\t1.View Personal Details\n\n\t\t\t2.View Travel Details\n\n\t\t\t
\t3.Edit Details\n\n\t\t\t4.Compute Bill\n\n\t\t\t5.Back\n\n\t\t\t_ : ";
710 cin>>opt2;
711 switch(opt2)
712 {
713 case 1:
714 {
715 ifstream ifl("personal.txt");
716 if(!ifl)
717 cout<<"\nError";
718 ifl.read((char*)&pob,sizeof(pob));
719 while(!ifl.eof())
720 {
721 if(pob.gcode()==acceptcode)
722 {
723 break;
724 }
725 ifl.read((char*)&pob,sizeof(pob));
726 }
727 pob.p_output();
728 ifl.close();
729 break;
730 }
731 case 2:
732 {
733 ifstream ifl1("TravelDetails.txt");
734 if(!ifl1)
735 cout<<"\nError";
736 ifl1.read((char*)&tob,sizeof(tob));
737 while(!ifl1.eof())
738 {
739 if(tob.gcode()==acceptcode)
740 {
741 break;
742 }
743 ifl1.read((char*)&tob,sizeof(tob));
744 }
745 tob.t_output();
746 ifl1.close();
747 break;
748 }
749 case 3:do
750 {
751 //b
752 cout<<"\n\n\n\t===== Edit Details =====";
753 cout<<"\n\n\t\tPlease select from among the editing options:\n\n";
754 cout<<"\t\t\t1.Modify\n\n\t\t\t2.Delete\n\n\t\t\t3.Back\n\n\t\t\t
\t_ ";
755 cin>>opt3;
756 switch(opt3)
757 {
758 case 1:do
759 {
760 //b
761 cout<<"\n\n\t\t===== Modificaton
===== \n";
762 cout<<"\t\t\t\t\t~~~~~";
763 cout<<"\n\n\tChoose The Type Of Details You Want To Modify:
\n\n\t\t1.Personal Details\n\n\t\t2.Travel Details\n\n\t\t3.Back\n\n\t\t\t_ ";
764 cin>>opt4;
765 switch(opt4)
766 {
767 case 1:editp(acceptcode);
768 break;
769 case 2:editt(acceptcode);
770 break;

```

```

771         case 3:break;
772     }
773     }while(opt4!=3);
774     break;
775     case 2:deletion(acceptcode);
776     opt3=3;
777     opt2=5;
778     break;
779     case 3:break;
780 }
781 }while(opt3!=3);
782 break;
783 case 4:
784 {
785 ifstream ifl3("personal.txt");
786 if(!ifl3)
787 cout<<"\nError";
788 ifl3.read((char*)&pob,sizeof(pob));
789 while(!ifl3.eof())
790 {
791     if(pob.gcode()==acceptcode)
792     {
793         break;
794     }
795     ifl3.read((char*)&pob,sizeof(pob));
796 }
797 ifstream ifl2("TravelDetails.txt");
798 if(!ifl2)
799 cout<<"\nError";
800 ifl2.read((char*)&tob,sizeof(tob));
801 while(!ifl2.eof())
802 {
803     if(tob.gcode()==acceptcode)
804     {
805         break;
806     }
807     ifl2.read((char*)&tob,sizeof(tob));
808 }
809 tob.accept(pob.give());
810 tob.compute();
811 ifl2.close();
812 break;
813 }
814 case 5:
815 {
816     break;
817 }
818 }
819 }while(opt2!=5);
820 }
821 break;
822 case 3:ofstream fil("INITIAL.txt"); //storing code value
823 if(!fil)
824 cout<<"\nError";
825 fil.write((char*)&code,sizeof(code));
826 fil.close();
827 //b
828 cout<<"=====
\n";
829 cout<<"THANK YOU FOR USING THIS SOFTWARE\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n\n";
830 cout<<"\t\t\t\t\t-TEAM_CODE_WITH_CPP\n";
831 cout<<"=====\\n";
832 getch();
833 exit(0);
834 }
835 getch();
836 }while(1);
837 //infinite loop till exit selected
838 }throw 5;
839 }
840 catch(int i)
841 {

```

```
842     cout<<"\n error logging in please check your password";
843 }
844 getch();
845 exit(0);
846 }
847
848
849
850
851
852
```