```
1
                              Source Code
    #include <stdio.h>
 2
 3
    #include <stdlib.h>
    #include <string.h>
 4
 5
    #include <time.h>
    void unused_data2(char data160[])
 6
 7
         FILE *original file160 = fopen("data statistics available.txt", "r");
 8
         FILE *temp file160 = fopen("data statistics temp.txt", "w");
 9
         if (original_file160 = NULL)
10
11
             original file160 = fopen("data statistics available.txt", "w");
12
             fclose(original_file160);
13
             original_file160 = fopen("data_statistics_available.txt", "r");
14
15
         }
16
         char line160[10000];
         int taka160 = +1;
17
         while (fgets(line160, sizeof(line160), original_file160))
18
19
         {
20
             char money160[100];
             char no160[100];
21
             if (sscanf(line160, "%99s %99s", money160, no160) = 2)
22
23
24
                 if (!strcmp(money160, data160))
25
                 {
26
                     taka160 += atoi(no160);
27
                     continue;
28
                 else if (!strcmp(line160, " ")) continue;
29
30
31
             fprintf(temp file160, line160);
32
33
         char string num160[10000];
         snprintf(string_num160, sizeof(string_num160), "%d", taka160);
34
         fprintf(temp_file160, "%s %s\n", data160, string_num160);
35
36
         fclose(original_file160);
37
         fclose(temp file160);
         remove("data statistics available.txt");
38
         rename("data_statistics_temp.txt", "data_statistics_available.txt");
39
40
    }
41
42
    void unused card(char data160[])
    {
43
         FILE *original_file160 = fopen("data_statistics_available.txt", "r");
44
         FILE *temp file160 = fopen("data statistics temp.txt", "w");
45
         if (original file160 = NULL)
46
         {
47
             original file160 = fopen("data statistics available.txt", "w");
48
49
             fclose(original file160);
             original_file160 = fopen("data_statistics_available.txt", "r");
50
51
         }
         char line160[10000];
52
53
         int taka160 = -1;
```

```
54
          while (fgets(line160, sizeof(line160), original_file160))
          {
 55
              char money160[100];
 56
 57
              char no160[100];
              if (sscanf(line160, "%99s %99s", money160, no160) = 2)
 58
 59
                  if (!strcmp(money160, data160))
 60
 61
                  {
                      taka160 += atoi(no160);
 62
 63
                      continue;
 64
                  else if (!strcmp(line160, " ")) continue;
 65
 66
 67
              fprintf(temp_file160, line160);
          }
 68
          char string num160[10000];
 69
          snprintf(string_num160, sizeof(string_num160), "%d", taka160);
 70
 71
          fprintf(temp_file160, "%s %s\n", data160, string_num160);
          fclose(original file160);
 72
          fclose(temp_file160);
 73
 74
          remove("data_statistics_available.txt");
          rename("data_statistics_temp.txt", "data_statistics_available.txt");
75
 76
     }
     void statistics()
 77
     {
 78
          printf("Used Card list: ");
 79
          FILE *file160 = fopen("data_statistics_used.txt", "r");
80
 81
          char data160[100];
          printf("\n");
82
          while (fgets(data160, 100, file160))
 83
 84
              char taka160[100];
 85
86
              char time160[100];
 87
              sscanf(data160, "%99s %99s", taka160, time160);
 88
              printf("
                                      %s Minutes: %s times\n", taka160, time160);
 89
          fclose(file160);
90
          printf("\nAvailable list:\n");
91
92
          file160 = fopen("data statistics available.txt", "r");
          printf("\n");
93
          while (fgets(data160, 100, file160))
 94
95
              char no160[100];
96
97
              char taka160[100];
              sscanf(data160, "%99s %99s", taka160, no160);
98
              printf("
                                      %s Minutes card is available: %s \n",
99
     taka160, no160);
100
          }
101
          fclose(file160);
          file160 = fopen("data statistics totalbalance.txt", "r");
102
          printf("\n");
103
          while (fgets(data160, 100, file160))
104
105
              char taka160[100];
106
107
              sscanf(data160, "%99s", taka160);
```

```
printf("\nTotal earn %s taka\n", taka160);
108
109
          fclose(file160);
110
      }
111
      int is_exist(char data160[], char location160[])
112
113
          char line160[100];
114
          FILE *file160 = fopen(location160, "r");
115
          if (file160 = NULL)
116
          {
117
              file160 = fopen(location160, "w");
118
              fclose(file160);
119
120
          }
          while (fgets(line160, sizeof(line160), file160))
121
122
              char mobile160[100];
123
              if (sscanf(line160, "%99s", mobile160) = 1)
124
125
              {
                  for (int i = 0; mobile160[i] \neq '\0'; i++)
126
127
                      if (mobile160[i] = ' ')
128
129
                       {
                           mobile160[i] = '\0';
130
131
                           break;
                       }
132
                  }
133
                  size_t data_len160 = strlen(data160);
134
135
                  size_t mobile_len160 = strlen(mobile160);
                  size t min len160 = data len160 < mobile len160 ? data len160 :</pre>
136
      mobile_len160;
                  if (strncmp(data160, mobile160, min_len160) = 0)
137
138
                  {
                      fclose(file160);
139
140
                      return 1;
                  }
141
              }
142
          }
143
          fclose(file160);
144
145
          return 0;
146
147
      void unblock user list()
148
          char filename160[100] = "data_lockmobileno.txt";
149
150
          char line160[100];
          FILE *original file160 = fopen(filename160, "r");
151
          if (original_file160 = NULL)
152
153
          {
              original file160 = fopen(filename160, "w");
154
155
              fclose(original file160);
              original_file160 = fopen(filename160, "r");
156
          }
157
          while (fgets(line160, sizeof(line160), original file160))
158
159
              printf("\t\t\t%s", line160);
160
161
```

```
printf("\n\n");
162
          fclose(original file160);
163
164
     int unblock user(char card number160[])
165
166
     {
167
          int cnt160 = 0:
          char filename160[100] = "data_lockmobileno.txt";
168
          char temp_filename160[100] = "data_temp.txt";
169
          char line160[100];
170
          card_number160[strcspn(card_number160, "\n")] = 0;
171
          card_number160[strcspn(card_number160, " ")] = 0;
172
          FILE *original file160 = fopen(filename160, "r");
173
174
          FILE *temp_file160 = fopen(temp_filename160, "w");
          while (fgets(line160, sizeof(line160), original_file160))
175
176
              char current card160[100];
177
              if (sscanf(line160, "%11s", current_card160))
178
179
              {
                  current card160[strcspn(current card160, "\n")] = 0;
180
                  current_card160[strcspn(current_card160, " ")] = 0;
181
                  if (!strcmp(current_card160, card_number160))
182
183
                  {
184
                      cnt160 = 1;
185
                      continue;
                  }
186
              }
187
              fputs(line160, temp_file160);
188
189
          fclose(original file160);
190
          fclose(temp file160);
191
192
          remove(filename160);
          rename(temp filename160, filename160);
193
          return cnt160;
194
195
     }
196
     void newcard generator()
197
198
199
          srand(time(NULL));
          int n160, choice160;
200
          printf("Available package: \n");
201
          printf("\t1. 40 min 50 taka\n");
202
          printf("\t2. 60 min 70 taka\n");
203
          printf("\t3. 100 min 120 taka\n");
204
          printf("\tHow many cards and choose a number: ");
205
          scanf("%d %d", &n160, &choice160);
206
          char taka160[100] = "";
207
          if (choice160 = 1)
208
          {
209
              strcat(taka160, "40");
210
          }
211
          else if (choice160 = 2)
212
213
              strcat(taka160, "60");
214
          }
215
          else if (choice160 = 3)
216
```

```
217
              strcat(taka160, "100");
218
219
220
          else
221
          {
              printf("Wrong submission——>returning admin panel");
222
              return;
223
          }
224
          for (int i = 0; i < n160; i++)
225
226
              unused_data2(taka160);
227
              char fullfilename160[200] = "data_validcard.txt";
228
229
              char card160[21];
              for (int i = 0; i < 20; i \leftrightarrow)
230
231
                  card160[i] = '0' + (rand() \% 10);
232
233
234
              card160[20] = '\0';
              FILE *f1160 = fopen(fullfilename160, "a");
235
              if (f1160 = NULL)
236
237
              {
                  FILE *f2160 = fopen(fullfilename160, "w");
238
239
                  fprintf(f2160, "%s %s\n", card160, taka160);
240
                  fclose(f2160);
              }
241
              else
242
              {
243
244
                  fprintf(f1160, "%s %s\n", card160, taka160);
                  fclose(f1160);
245
              }
246
247
          printf("%d Cards Creation Successful \n ", n160);
248
      }
249
250
     int remove card(char card number160[])
251
252
          char filename160[100] = "data validcard.txt";
253
          char temp filename160[100];
254
255
          char line160[100];
          int card found160 = 0;
256
257
          int changes made160 = 0;
          snprintf(temp_filename160, 100, "%s.temp", filename160);
258
          card_number160[strcspn(card_number160, "\n")] = 0;
259
          FILE *original_file160 = fopen(filename160, "r");
260
          FILE *temp file160 = fopen(temp filename160, "w");
261
          while (fgets(line160, 100, original_file160))
262
263
          {
              char current card160[100];
264
              char taka160[100];
265
              if (sscanf(line160, "%31s %99s", current_card160, taka160) = 2)
266
267
              {
                  if (strcmp(current card160, card number160) = 0)
268
269
                       card found160 = 1;
270
271
                       changes made 160 = 1;
```

```
unused_card(taka160);
272
273
                       continue;
                   }
274
              }
275
              fputs(line160, temp_file160);
276
277
278
          fclose(original_file160);
          fclose(temp_file160);
279
          if (changes_made160)
280
281
          {
              if (remove(filename160) \neq 0)
282
283
              {
                   return 1;
284
285
              if (rename(temp_filename160, filename160) \neq 0)
286
              {
287
288
                   return 1;
289
              }
290
              return 1;
          }
291
          else
292
293
294
              if (remove(filename160) \neq 0)
295
              {
296
                   return 1;
              }
297
              if (rename(temp_filename160, filename160) \neq 0)
298
299
300
                   return 1;
              }
301
302
              return 0;
303
          }
304
      }
305
      void total_profit(char data160[])
306
          char taka160[100] = "";
307
          if (!strcmp(data160, "40"))
308
          {
309
              strcat(taka160, "50");
310
311
          if (!strcmp(data160, "60"))
312
313
              strcat(taka160, "70");
314
315
          if (!strcmp(data160, "100"))
316
          {
317
              strcat(taka160, "120");
318
          }
319
          FILE *original file160 = fopen("data statistics totalbalance.txt", "r");
320
          FILE *temp_file160 = fopen("data_statistics_temp.txt", "w");
321
          char line160[100];
322
          if (original file160 = NULL)
323
324
              original_file160 = fopen("data_statistics_totalbalance.txt", "w");
325
              fprintf(original file160, "0");
326
```

```
327
              fclose(original_file160);
              original file160 = fopen("data statistics totalbalance.txt", "r");
328
          }
329
         while (fgets(line160, sizeof(line160), original_file160))
330
331
          {
              int sum160 = atoi(line160) + atoi(taka160);
332
              char string num160[12];
333
              snprintf(string_num160, sizeof(string_num160), "%d", sum160);
334
              fprintf(temp_file160, "%s", string_num160);
335
336
          fclose(original_file160);
337
          fclose(temp file160);
338
339
          remove("data statistics totalbalance.txt");
          rename("data_statistics_temp.txt", "data_statistics_totalbalance.txt");
340
     }
341
     void user_current_balance_updater(char number160[], char taka160[])
342
343
344
          char add160[100] = "data_statistics_useramount_";
          strcat(add160, number160);
345
         strcat(add160, ".txt");
346
          FILE *original_file160 = fopen(add160, "r");
347
          FILE *temp_file160 = fopen("data_statistics_useramount_temp.txt", "w");
348
349
          if (original_file160 = NULL)
350
          {
              original_file160 = fopen(add160, "w");
351
              fprintf(original file160, "0");
352
              fclose(original_file160);
353
354
              original_file160 = fopen(add160, "r");
          }
355
          char line160[100];
356
          while (fgets(line160, 100, original_file160))
357
          {
358
              int sum160 = atoi(line160) + atoi(taka160);
359
360
              char string_num160[12];
              snprintf(string_num160, sizeof(string_num160), "%d", sum160);
361
              fprintf(temp_file160, string_num160);
362
          }
363
          fclose(original_file160);
364
365
          fclose(temp file160);
366
          remove(add160);
367
          rename("data_statistics_useramount_temp.txt", add160);
368
     }
     void used card(char data160[])
369
370
          FILE *original file160 = fopen("data statistics used.txt", "r");
371
          FILE *temp file160 = fopen("data statistics temp.txt", "w");
372
          if (original file160 = NULL)
373
          {
374
              original file160 = fopen("data statistics used.txt", "w");
375
              fclose(original file160);
376
              original_file160 = fopen("data_statistics_used.txt", "r");
377
          }
378
          char line160[10000];
379
          int taka160 = 1;
380
          while (fgets(line160, sizeof(line160), original file160))
381
```

```
382
              char money160[100];
383
              char no160[100];
384
              if (sscanf(line160, "%99s %99s", money160, no160) = 2)
385
386
              {
                  if (!strcmp(money160, data160))
387
388
                  {
                      taka160 += atoi(no160);
389
390
                      continue;
391
                  else if (!strcmp(line160, " ")) continue;
392
              }
393
              fprintf(temp_file160, line160);
394
395
          char string_num160[10000];
396
          snprintf(string num160, sizeof(string num160), "%d", taka160);
397
          fprintf(temp_file160, "%s %s\n", data160, string_num160);
398
399
          fclose(original_file160);
          fclose(temp file160);
400
          remove("data_statistics_used.txt");
401
          rename("data_statistics_temp.txt", "data_statistics_used.txt");
402
403
     }
404
     void dynamic_data_updater(char data160[], char number160[])
405
          total_profit(data160);
406
          user_current_balance_updater(number160, data160);
407
          used_card(data160);
408
409
     char* cardno money(char cardno160[])
410
411
          FILE *file160 = fopen("data_validcard.txt", "r");
412
413
          char data160[100];
          while (fgets(data160, 100, file160))
414
415
              char current card160[100];
416
              char taka160[100];
417
              sscanf(data160, "%99s %99s", current_card160, taka160);
418
              if (!strcmp(current_card160, cardno160))
419
420
              {
                  fclose(file160);
421
422
                  return strdup(taka160);
              }
423
424
425
          fclose(file160);
426
          return NULL:
427
      }
     void full_time_history(char cardno160[], char moneey160[], char
428
     mobileno160[])
429
     {
          FILE *file160 = fopen("data_history.txt", "r");
430
431
          time t rawtime160;
          struct tm *timeinfo160;
432
433
          char buffer160[80];
          time(&rawtime160);
434
          timeinfo160 = localtime(&rawtime160);
435
```

```
strftime(buffer160, sizeof(buffer160), "%Y-%m-%d\t%H:%M:%S",
436
     timeinfo160);
437
         if (file160 = NULL)
438
              FILE *file160 = fopen("data_history.txt", "w");
439
              fprintf(file160, "
                                      Card No
440
                                                                          Time
                 mobile no");
     Minute
              fclose(file160);
441
          }
442
          file160 = fopen("data_history.txt", "a");
443
          fprintf(file160, "\n%s\t%s\t%s\t%s", cardno160, buffer160, moneey160,
444
     mobileno160);
445
          fclose(file160);
          return;
446
     }
447
     void user full time history(char cardno160[], char mobileno160[])
448
449
450
          time_t rawtime160;
          struct tm *timeinfo160;
451
452
          char buffer160[80];
453
          time(&rawtime160);
          timeinfo160 = localtime(&rawtime160);
454
455
          strftime(buffer160, sizeof(buffer160), "%Y-%m-%d\t%H:%M:%S",
     timeinfo160);
          char data160[100] = "data_search_";
456
          strcat(data160, mobileno160);
457
          strcat(data160, ".txt");
458
459
          FILE *file160 = fopen(data160, "r");
          if (file160 = NULL)
460
461
              FILE *file160 = fopen(data160, "w");
462
              fprintf(file160, "
463
                                      Card No
                                                          Date
                                                                          Time
              ");
     Minute
              fclose(file160);
464
          }
465
          file160 = fopen(data160, "a");
466
          fprintf(file160, "\n%s\t%s\t%s", cardno160, buffer160,
467
     cardno_money(cardno160));
468
          fclose(file160);
469
          return;
     }
470
471
     void user panel()
472
473
         while (1)
474
              char mobileno160[100];
475
              char cardno160[100];
476
              char line160[100];
477
              printf("Enter your mobile number or enter 0 for exit: ");
478
              scanf("%s", mobileno160);
479
              mobileno160[strcspn(mobileno160, "\n")] = 0;
480
              char blocklocation160[100] = "data_lockmobileno.txt";
481
482
              if (!strcmp("0", mobileno160))
483
484
```

```
printf("\n");
485
486
                  break;
              }
487
              if (strlen(mobileno160) \neq 11)
488
489
              {
                  printf("\nEnter a valid mobile no.\n");
490
491
              }
              else if (is_exist(mobileno160, blocklocation160))
492
493
                  printf("\n\nYOU are a blocked user\n\n");
494
              }
495
              else
496
497
              {
                  while (1)
498
499
                      if (is exist(mobileno160, blocklocation160))
500
501
502
                           printf("\n\nYOU are a blocked user\n\n");
503
                           break:
                       }
504
505
                      int n;
                      printf("\nchoose a
506
     option\n\t1.Balance\n\t2.Recharge\n\t3.logout\n\tEnter a valid digit: ");
                      scanf("%d", &n);
507
                      if (n = 1)
508
                       {
509
                           char address160[100] = "data_statistics_useramount_";
510
511
                           strcat(address160, mobileno160);
                           address160[strcspn(address160, "\n")] = 0;
512
                           strcat(address160, ".txt");
513
                           FILE *file160 = fopen(address160, "r");
514
                           if (file160 = NULL)
515
516
                           {
                               file160 = fopen(address160, "w");
517
                               if (file160 \neq NULL)
518
519
                                   fprintf(file160, "0");
520
                                   fclose(file160);
521
                                   file160 = fopen(address160, "r");
522
                               }
523
                           }
524
                           if (file160 \neq NULL)
525
526
527
                               char line160[100];
                               if (fgets(line160, 100, file160))
528
                               {
529
                                   line160[strcspn(line160, "\n")] = 0;
530
                                   printf("Your total Balance is %s minutes\n",
531
     line160);
532
                               fclose(file160);
533
                           }
534
                       }
535
                       else if (n = 2)
536
537
```

```
538
                           int t = 3;
539
                           int flag = 1;
540
                           while (t--)
541
                               printf("Enter Your card no: ");
542
                               scanf("%s", cardno160);
543
                               if (strlen(cardno160) \neq 20)
544
545
                                   printf("Enter a valid card no...\n");
546
547
                               else if (is_exist(cardno160, "data_validcard.txt"))
548
549
                                   for (int i = 0; i < strlen(cardno160); i++)</pre>
550
551
                                   {
                                        if (cardno160[i] = '\n') cardno160[i] =
552
      '\0';
553
554
                                   for (int i = 0; i < strlen(mobileno160); i++)</pre>
555
                                        if (mobileno160[i] = '\n') mobileno160[i] =
556
      '\0';
557
558
                                   dynamic_data_updater(cardno_money(cardno160),
     mobileno160);
                                   full_time_history(cardno160,
559
     cardno_money(cardno160), mobileno160);
                                   user_full_time_history(cardno160, mobileno160);
560
561
                                   printf("%s minutes recharge successful\n",
     cardno money(cardno160));
562
                                   remove_card(cardno160);
563
                                   flag = 0;
                                   break:
564
                               }
565
566
                               printf("You have only %d attempts left\n", t);
                           }
567
                           if (flag)
568
569
570
                               FILE *file160 = fopen("data_lockmobileno.txt", "a");
                               fprintf(file160, "%s \n", mobileno160);
571
                               printf("\n\nYou have been blocked.\n\n");
572
573
                               fclose(file160);
                               break:
574
575
576
                       }
                       else if (n = 3)
577
                       {
578
579
                           return;
                       }
580
581
                       else
582
                           printf("\nEnter a valld digit!!!\n\n");
583
                       }
584
                  }
585
              }
586
587
```

```
588
     void admin panel()
589
590
591
          srand(time(NULL));
          printf("Welcome to the Admin Panel: \n");
592
          while (1)
593
594
          {
              printf("\n\t1. Generate new Card\n");
595
              printf("\t2. Delete Card\n");
596
              printf("\t3. Unblock mobile number\n");
597
              printf("\t4. History\n");
598
              printf("\t5. Statistics\n");
599
              printf("\t6. search\n");
600
              printf("\t7. Exit\n");
601
              printf("\t Enter your option: ");
602
              int option;
603
              scanf("%d", &option);
604
605
              if (option = 1)
606
              {
                  newcard_generetor();
607
608
              else if (option = 2)
609
610
              {
                  char data160[100];
611
                  printf("Enter card no: ");
612
                  scanf("%s", data160);
613
                  if (remove_card(data160))
614
615
                      printf("Card %s was found and deleted.\n", data160);
616
                  }
617
618
                  else
619
                  {
                      printf("Card %s was invalid!!!!!.\n", data160);
620
621
              }
622
              else if (option = 3)
623
624
                  while (1)
625
626
                      printf("Choose a option: \n");
627
                      printf("\t1.showing block user:\n");
628
                      printf("\t2.unblock user\n");
629
                      printf("\t3.exit\n");
630
631
                      printf("\tEnter a VAlid digit: ");
632
                      int x:
                      scanf("%d", &x);
633
                      if (x = 3) return;
634
                      else if (x = 1)
635
636
                      {
                           printf("Block users list:\n");
637
                           unblock_user_list();
638
                       }
639
                      else if (x \neq 2)
640
641
                           printf("\nEnter a valid digit!!!1\n");
642
```

```
643
                      else
644
                      {
645
646
                           printf("Enter the mobile no: ");
                           char mobile_no160[100];
647
                           scanf("%s", mobile_no160);
648
                           if (unblock_user(mobile_no160))
649
650
                               printf("%s unblock successful.\n", mobile_no160);
651
652
                           else
653
                           {
654
                               printf("%s is not a block user..\n", mobile_no160);
655
656
                      }
657
                  }
658
659
660
              else if (option = 4)
661
                  FILE *file160 = fopen("data_history.txt", "r");
662
                  char line160[100];
663
                  if (file160 = NULL)
664
665
                      file160 = fopen("data_history.txt", "w");
666
                      fprintf(file160, "
                                               Card No
667
                                                                    Date
                               mobile no");
     Time
                    Minute
                      fclose(file160);
668
669
                      file160 = fopen("data_history.txt", "r");
                  }
670
                  while (fgets(line160, sizeof(line160), file160))
671
672
                      printf("%s", line160);
673
674
675
                  fclose(file160);
              }
676
              else if (option = 5) statistics();
677
              else if (option = 6)
678
              {
679
                  printf("Enter the mobile no: ");
680
681
                  char mobileno160[100];
                  scanf("%s", mobileno160);
682
                  if (strlen(mobileno160) = 11)
683
                  {
684
                      char data160[100] = "data_search_";
685
                      strcat(data160, mobileno160);
686
                      strcat(data160, ".txt");
687
                      FILE *file160 = fopen(data160, "r");
688
                      if (file160 = NULL)
689
690
                      {
                           file160 = fopen(data160, "w");
691
                           fprintf(file160, " Card No
692
                                                                    Date
                    Minute ");
     Time
                          fclose(file160);
693
                           file160 = fopen(data160, "r");
694
695
```

```
char line160[100];
696
697
                      while (fgets(line160, sizeof(line160), file160))
698
                          printf("%s", line160);
699
                      }
700
                      fclose(file160);
701
                  }
702
703
                  else
704
                  {
                      printf("Enter a valid mobile number!!!");
705
706
707
              }
708
              else if (option = 7) return;
              else
709
710
              {
                  printf("\nPlease Enter a valid number!!!\n\n");
711
712
713
          }
     }
714
     int main()
715
716
     {
717
          while (1)
718
              printf("Prepared by Nilay Paul Partha(Roll:2403160)\n\n");
719
              printf("Select Option\n");
720
721
              printf("\t1.Admin panel\n");
              printf("\t2.User panel\n");
722
723
              printf("\t3.Exit\n");
              printf("\tEnter a digit: ");
724
725
              int option;
              scanf("%d", &option);
726
              if (option = 1)
727
              {
728
729
                  int t = 3;
                  while (t--)
730
731
                      printf("Enter Your Admin panel password(2403160) : ");
732
733
                      int password;
                      int flag = 0;
734
                      scanf("%d", &password);
735
                      if (password = 2403160)
736
737
                           admin_panel();
738
739
                          flag = 1;
                      }
740
741
                      else
742
743
                          printf("Wrong password. You have %d attempts
     remaining.\n", t);
744
745
                      if (flag) break;
                  }
746
747
              }
748
              else if (option = 2)
749
```

```
user_panel();
750
             }
751
             else if (option = 3) return 0;
752
             else
753
754
             {
                printf("\nEnter a valid number!!!\n\n");
755
             }
756
        }
757
758
     }
759
```