```c
//header files
/*user name&password for admin:admin,password
user name&password for employe:emp,password*/

#include<stdio.h>
#include<process.h>
#include<conio.h>
#include<string.h>
#include<dos.h>
#include<graphics.h>

//admin function

void admin();
void login1();
void updateoffers();
void details();
void news();

//employ function

void employ();
void login2();
void policy();
void viewoffers();
void updatestatus();
void trackcourier();
void reprint();
void parsal();
void signup();

//required structure

 int flag=1;
 long int tracking_id=567890;
 long int refrence_id=12345;
 long int tid,rid;
struct k
{
 long int tid,rid;
 char consignee_name[20];
 char consingner_name[20];
 char saddress[20];
 char scity[20];
 char  sstate[20];
 char spincode[6];
 char phone[10];
 char email[20];
 char raddress[20];
 char rcity[20];
 char rstate[20];
 char rpincode[20];
 int weight,price;
 char status[30];
} d,r,d2,c3;

struct d
{
 int dd;
 int mm;
 int yy;
};
 struct signup
```

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{
 char first_name[20];
 char last_name[20];
 char user_name[20];
 int  password[10];
 char email_id[20];
 char gender[10];
 int mobile_no[10];
 struct d dob;
};
 struct signup b;

 //main function

void main()
{
   char n;

   int i,x,y;

   int gd=DETECT,gm;
   initgraph(&gd,&gm,"C:\\turboc3\\BGI");
   x=getmaxx()/2;
   y=getmaxy()/2;
for(i=30;i<150;i++)
{
            delay(100);
            setcolor(i/2);
            arc(x,y,0,360,i-10);
}
clrscr();
cleardevice();
setbkcolor(CYAN);
setcolor(BLACK);
   printf("\n\t\t\t\tWELCOME TO\n\n\t\t*****< COURIER MANEGMENT SYSTEM>*****\n");
   printf("\t\t-----------------------------------\n\n\n");
   printf("\n\nSUBMITTED BY:\nNAME:KULDEEP MISHRA\t\t\t\t\SUBMITTED TO:MOHIT
PRAKRAM\nROLL.NO:A21\nRES.NO:11614315\nSECTION:K1659");
   printf("\n\n\n\t\t\t\t\tPress any key for login");
   getch();
   clrscr();
   cleardevice();

while(n!='4')
{
   clrscr();
   cleardevice();
   printf("\n\n\t\t******<COURIER MANEGEMENR SYSTEM>******\n\n");
   printf("\n 1--> for admin login");
   printf("\n 2--> for employ login");
   printf("\n 3--> for  signup");
   printf("\n 4--> for Exit");
   printf("\n\n\n\n\n\n\t\t\tEnter your choice = ");
   n=getche();
   switch(n)
   {
    case '1':
      login1();
      break;
    case '2':
      login2();
      break;
    case '3':
```

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        signup();
        break;
      case '4':
        printf("\n\n\t\t\tExiting...");
        delay(1000);
        exit(0);
        break;
      default :
        printf("\n\t\tEnter correct choice");
        getch();
        break;
    }
}
cleardevice();
closegraph();
}
void login1()
{
    char a[20],b[8];
    l1:
    clrscr();
    cleardevice();
    printf("\n\n\t\t******<COURIER MANEGMENT SYSTEM>******\n");
    printf("\t\t----------------------------------\n");
    printf("\n\t\t\t*****<ADMIN-LOGIN>*****");
    printf("\n\nUSER NAME: ");
    scanf("%s",&a);
    if(stricmp(a,"admin")==0)
    {
    printf("\nPASSWORD:    ");
    scanf("%s",&b);
    if(strcmp(b,"password")==0)
     {
     admin();
     }
     else
     {
       printf("incorrect password.....");
       goto l1;
     }
     }
    else

   {
    printf("\n\n\t\t\t\tIncorrect user name or password");
    delay(2000);
    goto l1;
}
}

void login2()
{
    char c[20],d[8];
    l2:
    clrscr();
    printf("\n\n\t\t******<CORIER MANEGMENT SYSTEM>******\n");
    printf("\n\t\t----------------------------------\n\n");
    printf("\n\t\t\t*****<EMPLOY-LOGIN>*****");
    printf("\n\n\t\tUSER NAME: ");
    scanf("%s",&c)    ;
    if(stricmp(c,"emp")==0)
    {
        printf("\t\tPASSWORD  :") ;
```

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      scanf("%s",&d);
    if(strcmp(d,"password")==0)
     {
     printf("username and password match");
     employ();
     }
     else
     {
     printf("\n\n\t\t\t\t\Incorrect username or password");
     delay(2000);
     goto l2;
     }
     }
     else
     {
     printf("\n\n\t\t\t\t\Incorrect username or password");
     delay(2000);
     goto l2;
     }
}
void signup()
{
  FILE *fp;
  char  c[10],s[10],t[10],l[10],m[10],n[10];
  int a[10],d[10];
  clrscr();
  printf("enter first name:");
  gets(b.first_name);
  printf("last name:");
  gets(b.last_name);
  printf("user name:");
  gets(b.user_name);
  printf("password:");
  scanf("%d",&a);
  printf("email_id:");
  gets(b.email_id);
  printf("gender");
  gets(b.gender);
  printf("mobile_no:");
  scanf("%d",b.mobile_no);
  printf("d-o-b");
  scanf("%d%d%d",&b.dob.dd,&b.dob.mm,&b.dob.yy);
  fp=fopen("employee.txt","w");
  fwrite(&b,sizeof(b),1,fp);
  fclose(fp);
  puts(b.first_name);
  puts(b.last_name);
  puts(b.user_name) ;
  printf("%d",b.password);
  puts(b.email_id);
  puts(b.gender);
  printf("%d",b.mobile_no);
  printf("%d/%d/%d",b.dob.dd,b.dob.mm,b.dob.yy);
  printf("singup success full.......");
  getch();

}
void admin()
{
  int ch;
  while(ch!=5)
  {
  clrscr();
```

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    cleardevice();
    printf("\n\n\t\t*****<COURIER MANEGMENT SYSTEM>*****\n\n");
    printf("\n\t\t----------------------------------\n");
    printf("\n\t\t\t*****<ADMIN-MENU>*****\n\n");
    printf("\n\t1-->:VIEW / UPDATE USER DETAILS\n");
    printf("\n\t2-->:UPDATE NEWS DETAILS\n");
    printf("\n\t3-->:TRACK THE COURIER DETAILS\n");
    printf("\n\t4-->:UPDATE OFFERS\n");
    printf("\n\t5-->:LOGOUT");
    printf("\n\n\n\tEnter your choice:: ");
    scanf("%d",&ch);
    switch(ch)
{
    case 1:
        details();
      break;
    case 2:
       news();
      break;
    case 3:
      trackcourier();
      break;
    case 4:
      updateoffers();
      break;
    case 5:
      printf("\n\t\t\tLOGOUTING...");
      delay(1000);
      break;
    default :
      printf("ENTER CORRECT CHOICE");
      getch();
      break;
}
}
}

void employ()
{
  int ch;
  clrscr();
  cleardevice();
  printf("\n\n\t\t*****<COURIER MANEGMENT SYSTEM>****\n\n");
  printf("\n\t\t\t----------------------------------\n\n");
  printf("\n\t\t\t\t*****<EMPLOY-MENU>*****\n\n");
  printf("\n\t1-->:ENTER PARCEL\n");
  printf("\n\t2-->:VIEW UPDATE LOGIN DETAILS\n");
  printf("\n\t3-->:REPRINT SLIP\n");
  printf("\n\t4-->:TRACK PARRCEL\n");
  printf("\n\t5-->;VIEW OFFERS\n");
  printf("\n\t6-->;LOGOUTING:");
  printf("\n\n\n\t ENTER CORRECT CHOICE::");
  scanf("%d",&ch);
  switch(ch)
{
  case 1:
   parsal();
   break;
  case 2:
   updatestatus();
   break;
  case 3:
   reprint();
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   break;
  case 4:
   trackcourier();
   break;
  case 5:
  viewoffers();
   break;
  case 6:
   printf("\n\t\t\tLOGOUTING...");
   delay(1500);
   break;
   default:
   printf("\n\n\tENTER YOUR CHOICE");
   getch();
   break;
}
}
void parsal()
{
  FILE *fp;
  char a[5],b[10],c[10];
  clrscr();
  cleardevice();
  printf("\t\t---------- PARSAL ENTITY--------------------\n\n");
  printf("\tCONSIGNEE NAME:");
  gets(a);
  gets(d.consignee_name);
  printf("\tADDRESS:");
  gets(d.saddress);
  printf("\tCITY:");
  gets(d.scity);
  printf("\tSTATE:");
  gets(d.sstate);
  printf("\tPINCODE:");
  gets(d.spincode);
  printf("_____\n");
  printf("\tCONSIGNER NAME:");
  gets(d.consingner_name);
  printf("\tADDRESS:");
  gets(d.raddress);
  printf("\tCITY:");
  gets(d.rcity);
  printf("\tSTATE:");
  gets(d.rstate);
  printf("\tpincode should be 6 digit");
  printf("\tPINCODE:");
  gets(d.rpincode);
  printf("_____");
  printf("\tMOBILE NO:");
  gets(d.phone);
  printf("\tEMAIL:");
  gets(d.email);
  printf("\tWEIGHT:");
  scanf("%d",&d.weight);
  if (d.weight>100&&d.weight<200)
  d.price=30;
  else if(d.weight>200&&d.weight<400)
  d.price=60;
  else if(d.weight>400&&d.weight<600)
  d.price=80;
  else if(d.weight>600&&d.weight<800)
  d.price=110;
  else if(d.weight>800&&d.weight<1000)
```

```c
   d.price=140;
   else if(d.weight>1000&&d.weight<1200)
   d.price=180;
   else if(d.weight>1200&&d.weight<1400)
   d.price=210;
   else if(d.weight>1400&&d.weight<1600)
   d.price=260;
   else if(d.weight>1600&&d.weight<1800)
   d.price=290;
   else if(d.weight>1800&&d.weight<2000)
   d.price=340;
   else if(d.weight>2000&&d.weight<2200)
   d.price=380;
   else if(d.weight>2200&&d.weight<2400)
   d.price=410;
   else if(d.weight>2400&&d.weight<2600)
   d.price=460;
   else if(d.weight>2600&&d.weight<2800)
   d.price=490;
   else if(d.weight>2800&&d.weight<3000)
   d.price=520;
   d.tid=++tracking_id;
   d.rid=++refrence_id;
strcpy(d.status,("intransit")) ;
clrscr();
   cleardevice();
   printf("\n\n\n LOADING.....");
   delay(800);
fp=fopen("entry.txt","w");
fwrite(&d,sizeof(d),1,fp);
   clrscr();
   cleardevice();
   printf("_____RECIEPT_____");
   printf("\n tracking id:- %ld ",d.tid);
   printf("\n refrence id:-  %ld",d.rid);
   printf("\n\n\n\tconsignee name%s\t",d.consignee_name);
   printf("\n\taddress: %s\t",d.saddress);
   printf("\n\tcity: %s\t",d.scity);
   printf("\n\tstate:  %s\t",d.sstate);
   printf("\n\tpincode: %s\t",d.spincode);
   printf("\n\tconsingner name:%s\t",d.consingner_name);
   printf("\n\taddress: %s\t",d.raddress);
   printf("\n\tcity:  %s\t",d.rcity);
   printf("\n\tstate:  %s\t",d.rstate);
   printf("\n\tpincode: %s\t",d.rpincode);
   printf("\n\temail: %s\t",d.email);
   printf("\n\tmobile no:%s\t",d.phone);
   printf("\n\tweight: %d\t",d.weight);
   printf("\n\tprice :%d\t",d.price);
fclose(fp);
getch();
}
void trackcourier()
{
   int w;
   FILE *fp;
   fp=fopen("entry.txt","r");
   long int a;
   clrscr();
   cleardevice();
   printf("courier_id:");
   scanf("%ld",&a);
   printf("%ld",a);
```

```c
    fseek(fp,0,0);
    while(!feof(fp))
    {
    printf("inside");
    fread(&d2,sizeof(d2),1,fp);
    printf("%ld",d2.tid) ;
    if(d2.tid==a)
    {
    printf("\n\n\n\t\t %s",d2.status);
    flag=0;
    getch();
    }
    }
    if(flag==1)
    {
    printf("file not found\npress 1 to re-enter 2 to return");
    scanf("%d",&w);
    if(w==1)
    {
    trackcourier();
    }
    else
    {
    employ();
    }
    fclose(fp);
    getch();

}
}
void reprint()
{
    FILE *fp;
    fp=fopen("entry.txt","r");
    long int a;
    clrscr();
    cleardevice();
    printf("courier_id:");
    scanf("%ld",&a);
    while(!feof(fp))
    {
    fread(&d2,sizeof(d2),1,fp);
    if(d2.tid==a)
    {
    printf("_____RECIEPT_____");

    printf("\n tracking id:- %ld ",d.tid);
    printf("\n refrence id:-  %ld",d.rid);
    printf("\n\n\n\tconsignee name%s\t",d.consignee_name);
    printf("\n\taddress: %s\t",d.saddress);
    printf("\n\tcity: %s\t",d.scity);
    printf("\n\tstate:  %s\t",d.sstate);
    printf("\n\tpincode: %s\t",d.spincode);
    printf("\n\tconsingner name:%s\t",d.consingner_name);
    printf("\n\taddress: %s\t",d.raddress);
    printf("\n\tcity:  %s\t",d.rcity);
    printf("\n\tstate:  %s\t",d.rstate);
    printf("\n\tpincode: %s\t",d.rpincode);
    printf("\n\temail: %s\t",d.email);
    printf("\n\tmobile no:%s\t",d.phone);
    printf("\n\tweight: %d\t",d.weight);
    printf("\n\tprice :%d\t",d.price);
```

```c
    }
  }
      fclose(fp);
      getch();

}
void updateoffers()
{

  FILE *fp;
  char f[50];
  clrscr();
  cleardevice();
  fp=fopen("offer.txt","w");
  printf("\n WELCOME TO OFFERS");
  printf("\n\n\n\n\tENTER OFFERS-->:");
  gets(f);
  gets(f);
  fputs(f,fp);
  printf("\n\n\nOFFERS SAVE SUCESSFULY..........");
  getch();
  fclose(fp);
}
void updatestatus()
{
  FILE *fp;
  fp=fopen("status.txt","a+");
  long int  iii;
  clrscr();
  cleardevice();
  printf("\n\t\t@@@@@@@@@@UPDTE STATUS@@@@@@@@@@@@") ;
  printf("\n\n\n enter the tracking id:");
  scanf("%s",&iii) ;
  while(!feof(fp))
{
  fread(&c3,sizeof(c3),1,fp);
  if(c3.tid==iii)
{
  printf("\n\n enter the status");
  gets(c3.status);
  fwrite(&c3,sizeof(c3),1,fp);
  getch();
  printf("\n\n\nsaved successfully.........");
}
}
}
void viewoffers()
{
 FILE *fp;
 char c[50];
 clrscr();
 cleardevice();
 fp=fopen("offer.txt","a+");
 fgets(c,50,fp);
 printf("\n\n\n offers---");
 puts(c);
 getch();
}
void new2()
{
}
void policy()
{
```

```c
    int a[10],b[10];
    clrscr();
    cleardevice();
    printf("policy id:");
    scanf("%d",&a);
    printf("policy name:");
    scanf("%d",&b);
    if(a,b==0)
{
  printf("policy updated");
}
else
{
  printf("policy not found");
}
getch();
}
void details()
{ clrscr();
  cleardevice();
  FILE *fp;
  fp=fopen("employee.txt","r");
  printf("\n\n-----------------------------------------------------------\n");
  printf("\n  first name: last_name:  user_name: password: email_id: gender: mobile_no:");
  printf("\n-----------------------------------------------------------\n");
  while(!feof(fp))
  {
  fread(&b,sizeof(b),1,fp);
  printf("\n %s  %s   %s  %d  %s  %s  %s
%d",b.first_name,b.last_name,b.user_name,b.password,b.email_id,b.gender,b.mobile_no);
  }

  fclose(fp);
  getch();
}
void news()
{
}
```