#include<stdio.h>

#include<conio.h>

#include<stdlib.h>

#include<string.h>

#include<ctype.h>

#define clrscr system("cls");

int customer();

void cal();

void groupcrt();

int bidding();

void scheme();

struct regdate

{

int day,month,year;

}rd;

struct date

{

int d,m,y;

};

struct add

{

long long int pincode;

char street[50],area[50],city[30],state[30],country[30];

};

void grpdet();

void custogrp(char a[5],int n);

void cusdet();

int main()

{

int option,in,x,i;

char pass[10],user[10],ch,name[10]="santhiya",password[8]="12345678",flag=0,flag1=0;

login:

printf("\n\n\t\t\t\t\t\t\t\tABC CHIT FUNDS\n\n\n\t\t\t\t\t\t\tYOU ARE IN GOOD HANDS....\n\n\n\n\n\n\n");

printf("\t\t\tUSER NAME : ");

scanf("%s",user);

for(i=0;name[i]!='\0';i++)

{

if(name[i]!=user[i])

{

flag1=1;}

}

printf("\n\n\t\t\tPASSWORD(8 digits) : ");

for(i=0;i<8;i++)

{

ch=getch();

pass[i]=ch;

if(password[i]!=ch)

{

flag=1;}

ch='\*';

printf("%c",ch);

}

if(flag1==1 || flag==1)

{

clrscr;

printf("Invalid username or password.... Try again....\n\n");

goto login;

}

index:

clrscr;

printf("\n\n\t\t\t\t\tWelcome to Chit Management");

printf("\n\n\t1.To view Scheme");

printf("\n\n\t2.To view Group Details");

printf("\n\n\t3.To Create a new group");

printf("\n\n\t4.To view Customer Details");

printf("\n\n\t5.To Add a New Customer");

printf("\n\n\t6.Bidding");

printf("\n\n\t7.To view to monthly instalment");

printf("\n\n\t8.Exit");

printf("\n\nEnter your choice : ");

scanf("%d",&in);

switch(in)

{

case 1:

{

printf("\nYou are Entering into Scheme Details\n\n\n" );

scheme();

break;}

case 2:{

printf("\nYou are Entering into Group Details\n\n\n" );

grpdet();

break;}

case 3:

{

printf("\nYou are Entering into Creating a New Group\n\n\n" );

groupcrt();

break;}

case 4:

{

printf("\nYou are Entering into Customer Details\n\n\n" );

cusdet();

break;}

case 5:

{

printf("\nYou are Entering into Adding a New Customer\n\n\n" );

customer();

break;

}

case 6:{

printf("\nYou are Entering into Bidding Section\n\n\n");

x=bidding();

break;

}

case 7:

{

cal();

break;

}

case 8:{

clrscr;

printf("\nThank You for Visiting\n");

exit(0);

break;}

default:{

printf("\nPlease enter a valid option : " );

goto index;

}

}

printf("\nDo you want to continue ?\n If yes,press 1\n If no,press 2\nEnter your choice :");

opt:

scanf("%d",&option);

if(option==1)

{

goto index;

}

else if(option==2)

{

clrscr;

printf("\n\n\n\nThank you for visting\n\n\n\n\n\n\n\n\n\n");

}

else

{

printf("Enter a valid option : ");

goto opt;

}

}

void scheme()

{

clrscr;

printf(" SCHEMES AVAILABLE \n 20 Months \n ------------------------------------------------------------------------------\n| S.No | Group code | Net Amount | No.of.months | Max amount per month |\n------------------------------------------------------------------------------\n| 1 | G1 | 50,000 | 20 | 2,500 |\n| | | | | |\n| 2 | G2 | 1,00,000 | 20 | 5,000 |\n| | | | | |\n| 3 | G3 | 2,00,000 | 20 | 10,000 |\n------------------------------------------------------------------------------\n 25 Months \n------------------------------------------------------------------------------\n| S.No | Group code | Net Amount | No.of.months | Max amount per month |\n------------------------------------------------------------------------------\n| 1 | G4 | 1,50,000 | 25 | 6,000 |\n| | | | | |\n| 2 | G5 | 2,50,000 | 25 | 10,000 |\n| | | | | |\n| 3 | G6 | 3,00,000 | 25 | 12,000 |\n| | | | | |\n| 4 | G7 | 5,00,000 | 25 | 20,000 |\n| | | | | |\n| 5 | G8 | 10,00,000 | 25 | 40,000 |\n| | | | | |\n| 6 | G9 | 15,00,000 | 25 | 60,000 |\n| | | | | |\n| 7 | G10 | 25,00,000 | 25 | 1,00,000 |\n------------------------------------------------------------------------------\n 40 Months \n------------------------------------------------------------------------------\n| S.No | Group code | Net Amount | No.of.months | Max amount per month |\n------------------------------------------------------------------------------\n| 1 | G11 | 5,00,000 | 40 | 12,000 |\n| | | | | |\n| 2 | G12 | 20,00,000 | 40 | 50,000 |\n| | | | | |\n| 3 | G13 | 25,00,000 | 40 | 62,500 |\n------------------------------------------------------------------------------");

}

void groupcrt()

{

FILE \*g1,\*g2,\*g3,\*g4,\*g5,\*g6,\*g7,\*g8,\*g9,\*g10,\*g11,\*g12,\*g13;

char a[10];

int n,cusid,cus,old;

clrscr;

printf("\n\nSelect a Group Code from 1-13 : ");

gcode:

scanf("%d",&n);

clrscr;

printf("\t\t\t\tGROUP DETAILS\n\n\n\n\n");

switch(n)

{

case 1:

g1=fopen("g1.c","w+");

printf("Group ID\tg1\n");

printf("No.of members\t20\n");

printf("Chit Value\t50,000\n");

printf("Max Amount per month\t2,500\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t20\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat;

}

a[0]='g';

a[1]='1';

fprintf(g1,"Group ID\tg1\n");

fprintf(g1,"No.of members\t20\n");

fprintf(g1,"Chit Value\t50,000\n");

fprintf(g1,"Max Amount per month\t2,500\n");

fprintf(g1,"Company Commission\t4.00\n");

fprintf(g1,"No.of Installments\t20\n");

fprintf(g1,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

custogrp(a,20);

fclose(g1);

break;

case 2:printf("Group ID\tg2\n");

printf("No.of members\t20\n");

printf("Chit Value\t1,00,000\n");

printf("Max Amount per month\t5,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t20\n");

printf("Chit Registration Date(DD/MM/YYYY)\t : ");

dat1:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat1;

}

g2=fopen("g2.c","w+");

fprintf(g2,"Group ID\tg2\n");

fprintf(g2,"No.of members\t20\n");

fprintf(g2,"Chit Value\t1,00,000\n");

fprintf(g2,"Max Amount per month\t5,000\n");

fprintf(g2,"Company Commission\t4.00\n");

fprintf(g2,"No.of Installments\t20\n");

fprintf(g2,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='2';

custogrp(a,20);

fclose(g2);

break;

case 3:printf("Group ID\tg3\n");

printf("No.of members\t20\n");

printf("Chit Value\t2,00,000\n");

printf("Max Amount per month\t10,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t20\n");

printf("Chit Registration Date(DD/MM/YYYY)\t : ");

dat2:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat2;

}

g3=fopen("g3.c","w+");

fprintf(g3,"Group ID\tg3\n");

fprintf(g3,"No.of members\t20\n");

fprintf(g3,"Chit Value\t2,00,000\n");

fprintf(g3,"Max Amount per month\t10,000\n");

fprintf(g3,"Company Commission\t4.00\n");

fprintf(g3,"No.of Installments\t20\n");

fprintf(g3,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='3';

custogrp(a,20);

fclose(g3);

break;

case 4:printf("Group ID\tg4\n");

printf("No.of members\t25\n");

printf("Chit Value\t1,50,000\n");

printf("Max Amount per month\t6,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat3:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat3;

}

g4=fopen("g4.c","w+");

fprintf(g4,"Group ID\tg4\n");

fprintf(g4,"No.of members\t25\n");

fprintf(g4,"Chit Value\t1,50,000\n");

fprintf(g4,"Max Amount per month\t6,000\n");

fprintf(g4,"Company Commission\t4.00\n");

fprintf(g4,"No.of Installments\t25\n");

fprintf(g4,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='4';

custogrp(a,25);

fclose(g4);

break;

case 5:printf("Group ID\tg5\n");

printf("No.of members\t25\n");

printf("Chit Value\t2,50,000\n");

printf("Max Amount per month\t10,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t :");

dat4:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat4;

}

g5=fopen("g5.c","w+");

fprintf(g5,"Group ID\tg5\n");

fprintf(g5,"No.of members\t25\n");

fprintf(g5,"Chit Value\t2,50,000\n");

fprintf(g5,"Max Amount per month\t10,000\n");

fprintf(g5,"Company Commission\t4.00\n");

fprintf(g5,"No.of Installments\t25\n");

fprintf(g5,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

fclose(g5);

a[0]='g';

a[1]='5';

custogrp(a,25);

break;

case 6:printf("Group ID\tg6\n");

printf("No.of members\t25\n");

printf("Chit Value\t3,00,000\n");

printf("Max Amount per month\t12,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat5:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat5;

}

g6=fopen("g6.c","w+");

fprintf(g6,"Group ID\tg6\n");

fprintf(g6,"No.of members\t25\n");

fprintf(g6,"Chit Value\t3,00,000\n");

fprintf(g6,"Max Amount per month\t12,000\n");

fprintf(g6,"Company Commission\t4.00\n");

fprintf(g6,"No.of Installments\t25\n");

fprintf(g6,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='6';

custogrp(a,25);

fclose(g6);

break;

case 7:printf("Group ID\tg7\n");

printf("No.of members\t25\n");

printf("Chit Value\t5,00,000\n");

printf("Max Amount per month\t20,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t : ");

dat6:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat6;

}

g7=fopen("g7.c","w+");

fprintf(g7,"Group ID\tg7\n");

fprintf(g7,"No.of members\t25\n");

fprintf(g7,"Chit Value\t5,00,000\n");

fprintf(g7,"Max Amount per month\t20,000\n");

fprintf(g7,"Company Commission\t4.00\n");

fprintf(g7,"No.of Installments\t25\n");

fprintf(g7,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='7';

custogrp(a,25);

fclose(g7);

break;

case 8:printf("Group ID\tg8\n");

printf("No.of members\t25\n");

printf("Chit Value\t10,00,000\n");

printf("Max Amount per month\t40,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat7:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat7;

}

g8=fopen("g8.c","w+");

fprintf(g8,"Group ID\tg8\n");

fprintf(g8,"No.of members\t25\n");

fprintf(g8,"Chit Value\t10,00,000\n");

fprintf(g8,"Max Amount per month\t40,000\n");

fprintf(g8,"Company Commission\t4.00\n");

fprintf(g8,"No.of Installments\t25\n");

fprintf(g8,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='8';

custogrp(a,25);

fclose(g8);

break;

case 9:printf("Group ID\tg9\n");

printf("No.of members\t25\n");

printf("Chit Value\t15,00,000\n");

printf("Max Amount per month\t60,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat8:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat8;

}

g9=fopen("g9.c","w+");

fprintf(g9,"Group ID\tg9\n");

fprintf(g9,"No.of members\t25\n");

fprintf(g9,"Chit Value\t15,00,000\n");

fprintf(g9,"Max Amount per month\t60,000\n");

fprintf(g9,"Company Commission\t4.00\n");

fprintf(g9,"No.of Installments\t25\n");

fprintf(g9,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='9';

custogrp(a,25);

fclose(g9);

break;

case 10:printf("Group ID\tg10\n");

printf("No.of members\t25\n");

printf("Chit Value\t25,00,000\n");

printf("Max Amount per month\t1,00,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t25\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat9:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat9;

}

g10=fopen("g10.c","w+");

fprintf(g10,"Group ID\tg10\n");

fprintf(g10,"No.of members\t25\n");

fprintf(g10,"Chit Value\t25,00,000\n");

fprintf(g10,"Max Amount per month\t1,00,000\n");

fprintf(g10,"Company Commission\t4.00\n");

fprintf(g10,"No.of Installments\t25\n");

fprintf(g10,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='1';

a[2]='0';

custogrp(a,25);

fclose(g10);

break;

case 11:printf("Group ID\tg11\n");

printf("No.of members\t40\n");

printf("Chit Value\t5,00,000\n");

printf("Max Amount per month\t12,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t40");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat10:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat10;

}

g11=fopen("g11.c","w+");

fprintf(g11,"Group ID\tg11\n");

fprintf(g11,"No.of members\t40\n");

fprintf(g11,"Chit Value\t5,00,000\n");

fprintf(g11,"Max Amount per month\t12,000\n");

fprintf(g11,"Company Commission\t4.00\n");

fprintf(g11,"No.of Installments\t40");

fprintf(g11,"Chit Registration Date : %d/%d/%d\n",rd.day,rd.month,rd.year);

a[0]='g';

a[1]='1';

a[2]='1';

custogrp(a,40);

fclose(g11);

break;

case 12:printf("Group ID\tg12\n");

printf("No.of members\t40\n");

printf("Chit Value\t20,00,000\n");

printf("Max Amount per month\t50,000\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t40\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat11:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat11;

}

g12=fopen("g12","w+");

fprintf(g12,"Group ID\tg12\n");

fprintf(g12,"No.of members\t40\n");

fprintf(g12,"Chit Value\t20,00,000\n");

fprintf(g12,"Max Amount per month\t50,000\n");

fprintf(g12,"Company Commission\t4.00\n");

fprintf(g12,"No.of Installments\t40\n");

fprintf(g12,"Chit Registration Date : %d/%d/%d\n");

a[0]='g';

a[1]='1';

a[2]='2';

custogrp(a,40);

fclose(g12);

break;

case 13:printf("Group ID\tg13\n");

printf("No.of members\t40\n");

printf("Chit Value\t25,00,000\n");

printf("Max Amount per month\t62,500\n");

printf("Company Commission\t4.00\n");

printf("No.of Installments\t40\n");

printf("Chit Registration Date(DD/MM/YYYY)\t: ");

dat12:

scanf("%d/%d/%d",&rd.day,&rd.month,&rd.year);

if((rd.day>31) || (rd.day<1) ||(rd.month>12) || (rd.month<1) || (rd.year>2028) || (rd.year<2017))

{

printf("\nEnter the valid date(DD/MM/YYYY):");

goto dat12;

}

g13=fopen("g13.c","w+");

fprintf(g13,"Group ID\tg13\n");

fprintf(g13,"No.of members\t40\n");

fprintf(g13,"Chit Value\t25,00,000\n");

fprintf(g13,"Max Amount per month\t62,500\n");

fprintf(g13,"Company Commission\t4.00\n");

fprintf(g3,"No.of Installments\t40\n");

fprintf(g13,"Chit Registration Date : %d/%d/%d\n");

a[0]='g';

a[1]='1';

a[2]='3';

custogrp(a,40);

fclose(g13);

break;

default:printf("Invalid Selection,\tPlease Select the Appropriate Group Code:");

goto gcode;

}

}

void grpdet()

{

FILE \*f;

char a[5],c;

clrscr;

printf("\n\n\n\n");

printf("Enter the id of the group : ");

scanf("%s",a);

printf("\n\n\n\n\t\t\t\t\t\t\tGROUP DETAILS\n\n\n\n\n");

strcat(a,".c");

f=fopen(a,"r");

while((c=fgetc(f))!=EOF)

printf("%c",c);

fclose(f);

printf("\n");

}

void cusdet()

{

FILE \*f;

char a[10],c;

clrscr;

printf("Enter the id of the customer : ");

scanf("%s",a);

printf("\n\n\n\n");

strcat(a,".c");

f=fopen(a,"r");

while((c=fgetc(f))!=EOF)

printf("%c",c);

fclose(f);

printf("\n");

}

void custogrp(char a[10],int n)

{

int i,option,op,c;

char memid[10];

FILE \*f;

printf("\n\nNow we are going to add the members into the group \n\n");

strcat(a,".c");

f=fopen(a,"a+");

fprintf(f,"\nTHE MEMBERS INCLUDED ARE \n");

for(i=1;i<n;i++)

{

mem:

printf("Enter 1 if the customer-%d is an already existing member \n else press 2\nEnter your choice : ",i);

scanf("%d",&option);

printf("HEllo \n");

if(option==1)

{

printf("Enter the customer id of customer-%d : ",i);

scanf("%s",memid);

}

else if(option==2)

{

printf("To create a new member id press 1\nTo rewrite the member id press 2\nEnter your choice : ");

opt:

scanf("%d",&op);

if(op==1)

{

c=customer();

printf("You have successfully created a new member id\n now enter the newly created member id : ");

scanf("%s",memid);

}

else if(op==2)

{

goto mem;

}

else

{

printf("Enter the valid option : ");

goto opt;

}

}

else

{

printf("Enter a valid option : ");

goto mem;

}

fprintf(f,"%s",memid);

}

}

int customer()

{

FILE \*f;

struct date dob,gdob;

struct add cus,g;

long long int phno,anin,gphno,gpin;

int i,count;

char cnt,name[50],gname[50],gemail[50],email[50],m[10];

/\*member=fopen("number.c","w+");

fprintf(member,"6");

while((cnt=fgetc(member))!=EOF);

printf("%c\n",cnt);

fclose(member);

m[0]='m';

m[1]='e';

m[2]='m';

m[3]=cnt;

printf("%s\n",m);\*/

f=fopen("customer1.c","a+");

clrscr;

printf("\t\t\tMEMBER ID CREATION\n\n");

printf("Enter the Customer Name ( eg : MOHAN BALAJI<tab> : ");

nam:

scanf("%[^\t]s",name);

for(i=0;name[i]!='\0';i++)

{

if((isalpha(name[i])==1)||(isspace(name[i])==1))

{

printf("Re-enter a Proper Name : ");

goto nam;

}

}

fprintf(f,"Name : %s\n",name);

printf("Enter the Date of Birth(DD/MM/YYYY) : ");

dateob:

scanf("%d/%d/%d",&dob.d,&dob.m,&dob.y);

if((dob.d>31)||(dob.d<1)||(dob.m>12)||(dob.m<1)||(dob.y>2002)||(dob.y<1960))

{

printf("Re-enter a Valid Date of Birth (DD/MM/YYYY): ");

goto dateob;

}

fprintf(f,"Date of Birth : %d/%d/%d\n",dob.d,dob.m,dob.y);

printf("Enter the Mobile Number:");

phn:

scanf("%lld",&phno);

count=0;

while(phno!=0)

{

phno=phno/10;

++count;

}

if(count!=10)

{

printf("Re-enter a Valid Mobile Number:");

goto phn;

}

fprintf(f,"Mobile number : %lld\n",phno);

printf("Enter the Annual Income:");

ann:

scanf("%lld",&anin);

if(anin<50000)

{

printf("Re-enter Annual Income:");

goto ann;

}

fprintf(f,"Annual income : %lld\n",anin);

printf("RESIDENTIAL ADDRESS : \n");

printf("Street:");

scanf("%s",cus.street);

printf("Area:");

ar:

scanf("%s",cus.area);

for(i=0;cus.area[i]='\0';i++)

{

if((isalpha(cus.area[i])==1)||(isspace(cus.area[i])==1))

{

printf("Re-enter the Valid Area:");

goto ar;

}

}

printf("City:");

ci:

scanf("%s",cus.city);

for(i=0;cus.city[i]='\0';i++)

{

if((isalpha(cus.city[i])==0)||(isspace(cus.city[i])==0))

{

printf("Re-enter the Valid City:");

goto ci;

}

}

printf("State:");

stat:

scanf("%s",cus.state);

for(i=0;cus.state[i]!='\0';i++)

{

if((isalpha(cus.state[i])==1)||(isspace(cus.state[i])==1))

{

printf("Re-enter the Valid State:");

goto stat;

}

}

printf("Country:");

coun:

scanf("%s",cus.country);

for(i=0;cus.country[i]!='\0';i++)

{

if((isalpha(cus.country[i])==1)||(isspace(cus.country[i])==1))

{

printf("Re-enter the Valid Country:");

goto coun;

}

}

printf("Pin-code:");

pin:

scanf("%lld",&cus.pincode);

count=0;

while(cus.pincode!=0)

{

cus.pincode=cus.pincode/10;

++count;

}

if(count!=6)

{

printf("Re-enter the Valid Pin-code:");

goto pin;

}

fprintf(f,"RESIDENTIAL ADDRESS : \n Area : %s\n Street : %s\n City : %s\n State : %s\n Country : %s\n Pincode : %lld\n",cus.area,cus.street,cus.city,cus.state,cus.country,cus.pincode);

printf("Enter the E-mail Id:");

scanf("%s",email);

fprintf(f,"\nEmail id : %s\n",email);

printf("\n\n\n\t\t\tGUARENTOR DETAILS\n\nEnter the Guaranteer Name:");

gnam:

scanf("%[^\t]s",gname);

for(i=0;gname[i]='\0';i++)

{

if((isalpha(gname[i])==1)||(isspace(gname[i])==1))

{

printf("Re-enter the Guaranteer Name:");

goto gnam;

}

}

printf("Enter the Guaranteer Date of Birth(DD/MM/YYYY):");

gdateob:

scanf("%d/%d/%d",&gdob.d,&gdob.m,&gdob.y);

if((gdob.d>31)||(gdob.d<1)||(gdob.m>12)||(gdob.m<1)||(gdob.y>2002)||(gdob.y<1960))

{

printf("Enter the Valid Date of Birth(DD/MM/YYYY):");

goto gdateob;

}

printf("Enter the Guaranteer Mobile Number:");

gph:

scanf("%lld",&gphno);

count=0;

while(gphno!=0)

{

gphno=gphno/10;

++count;

}

if(count!=10)

{

printf("Re-enter the Valid Mobile Number:");

goto gph;

}

fprintf(f,"\n\n\t\tGuarentor details\n\nName : %s\nDate of Birth : %d/%d/%d\n Mobile Number : %lld\n",gname,gdob.d,gdob.m,gdob.y,gphno);

printf("RESIDENTIAL ADDRESS : \n");

printf("Street:");

scanf("%s",g.street);

printf("Area:");

gar:

scanf("%s",g.area);

for(i=0;g.area[i]='\0';i++)

{

if((isalpha(g.area[i])==1)||(isspace(g.area[i])==1))

{

printf("Re-enter the Valid Area:");

goto gar;

}

}

printf("City:");

gcity:

scanf("%s",g.city);

for(i=0;g.city[i]='\0';i++)

{

if((isalpha(g.city[i])==1)||(isspace(g.city[i])==1))

{

printf("Re-enter the City:");

goto gcity;

}

}

printf("State:");

gstat:

scanf("%s",g.state);

for(i=0;g.state[i]!='\0';i++)

{

if((isalpha(g.state[i])==1)||(isspace(g.state[i])==1))

{

printf("Re-enter the State:");

goto gstat;

}

}

printf("Country:");

gcoun:

scanf("%s",g.country);

for(i=0;g.country[i]!='\0';i++)

{

if((isalpha(g.country[i]==1))||(isspace(g.country[i]==1)))

{

printf("Re-enter the Country:");

goto gcoun;

}

}

printf("Pin-code:");

gp:

scanf("%lld",&g.pincode);

count=0;

while(g.pincode!=0)

{

g.pincode=g.pincode/10;

++count;

}

if(count!=6)

{

printf("Re-enter the Pin-code:");

goto gp;

}

printf("Enter the Guaranteer E-mail Id:");

scanf("%s",gemail);

fprintf(f,"RESIDENTIAL ADDRESS : \n Street : %s\nArea : %s\nCity : %s\nState : %s\nCountry : %s\nPincode : %lld\nEmail id : %s\n",g.street,g.area,g.city,g.state,g.country,g.pincode,gemail);

fclose(f);

cnt++;

// member=fopen("number.c","w+");

//fprintf(member,"%d",cnt);

//fclose(member);

printf("The new member id is created successfully....\n\n");

return 0;

}

int bidding()

{

int n,month,x,i,j,k=0,l,temp,o,a[30],p,m=0;

char grpid[10],memid[10][50];

long int amt,am,hbit=0,min,b[30][30],c[30];

clrscr;

printf("\t\t\tWelcome for today's bidding\n\n");

printf("Enter the Group Id : ");

scanf("%s",grpid);

printf("Enter the Chit Amount : ");

scanf("%ld",&am);

amt=am\*0.25;

printf("Enter the Month : ");

month:

scanf("%d",&month);

if(month<1 && month>40)

{

printf("Enter a Valid Month : ");

goto month;

}

printf("Enter the Minimum Bet Amount : ");

min:

scanf("%ld",&min);

if(min<1000&&min>amt)

{

printf("Enter the Valid Minimum Bet Amount : ");

goto min;

}

printf("Enter the Number of Members Participating in the Bet : ");

n:

scanf("%d",&n);

if(n<0&&n>=40)

{

printf("Enter the Valid Number of Members : ");

goto n;

}

for(i=1;i<=n;i++)

{

printf("Enter the Member Id of Participant-%d : ",i);

scanf("%s",memid[i]);

} //member id collecting.

for(i=1;i<=n;i++)

{

b[0][i]=0;

b[i][0]=0;

a[i]=i;

}

b[1][0]=0;

p=n;

for(i=1;(hbit<=amt) && (p>1);i++)

{

k=0;

printf("\n\t\t\tBET NUMBER - %d \t\t\n",i);

for(j=1;j<=p;j++)

{

x=a[j];

con:

printf("Enter the Bet Amount of %s : ",memid[x]);

scanf("%ld",&b[i][j]);

if(b[i][j]<=min || b[i][j-1]>b[i][j])

{

printf("The Amount is Less than Minimum Bet Amount.",memid[i]);

printf("Do you want continue?\nIf yes,press 1\nIf no press 2\nEnter your Choice : ");

scanf("%d",&o);

if(o==1)

{

goto con;

}

else if(o==2)

{

b[i][j]=0;

}

else

{

printf("Please Enter the Valid Option..\n");

goto con;

}

}

if(b[i-1][j]<b[i][j] && b[i][j]!=0)

{

k++;

a[k]=j;

}

m++;

c[j]=b[i][j];

}

if(p==2 && hbit>(amt))

{

if(b[i][j]>b[i][j-1])

{

printf("The Highest Bet Amount is %ld \n",b[i][j]);

hbit=b[i][j];

}

else

{

printf("The Highest Bet Amount is %ld \n",b[i][j-1]);

hbit=b[i][j-1];

}

break;

}

for(l=1;l<=p;l++)

{

for(j=l+1;j<=p;j++)

{

if(c[l]<c[j])

{

temp=c[l];

c[l]=c[j];

c[j]=temp;

}

}

}

printf("The Highest Bet of Bet Number-%d is %ld\n ",i,c[1]);

min=c[1];

hbit=c[1];

b[i+1][0]=0;

p=k;

}

if(hbit>amt)

{

printf("The Betting cannot be carried further because the Highest\n Bit is greater than the maximum quot amount\nSo the members\n");

for(m=1;m<=p;m++)

{ x=a[m];

printf("%s\n",memid[x]);

}

printf("can be choosed by Lottery System\n");

return(0);

}

printf("the Winner is %s is the Bet Amount is %ld\n",a[j],hbit);

return 0;

}

void cal()

{

int netamt,duration,members,cmpbid,monbid,maxdis=30000,curmon,amt,amtperhead,minbid;

printf("NET AMOUNT OF THIS SCHEME:");

net:

scanf("%d",&netamt);

if(netamt<=0)

{

printf("Re-entre the amount correctly:");

goto net;

}

printf("NO.OF.PARTICIPANTS:");

mem:

scanf("%d",&members);

if(members!=20 &&members!=25 &&members!=40)

{

printf("Re-entre the value correctly:");

goto mem;

}

duration=members;

printf("ENTER THE COMPANY BID:");

cmp:

scanf("%d",&cmpbid);

if(cmpbid<=0 || cmpbid>=6)

{

printf("Re-entre the correct value:");

goto cmp;

}

printf("ENTER THE MONTHLY BID:");

mon:

scanf("%d",&monbid);

if(monbid<=0 || monbid>=netamt/2)

{

printf("Re-entre the amount correctly:");

goto mon;

}

printf("CURRENT MONTH:");

cur:

scanf("%d",&curmon);

if(curmon<=0 || curmon>duration)

{

printf("Re-entre the amount correctly:");

goto net;

}

amt=netamt-maxdis;

amtperhead=amt/members;

minbid=(((curmon-1)+cmpbid+monbid)\*netamt)/100;

printf("\nNET AMOUNT :%d",netamt);

printf("\nNUMBER OF PARTICIPANTS IN THIS GROUP :%d",members);

printf("\nNUMBER OF MONTHS IN THIS SCEME :%d",duration);

printf("\nCOMPANY BID :%d",cmpbid);

printf("\nCURRENT MONTH :%d",curmon);

printf("\nBID INCREASES PER MONTH :%d",monbid);

printf("\nMINIMUM AMOUNT OF THIS MONTH :%d",minbid);

printf("\nAMOUNT TAKEN IN THIS MONTH :%d",amt);

printf("\nAMOUNT FOR EACH PERSON :%d",amtperhead);

}