1 objective

This report is based on real life banking system which allows user to attain all the banking features like deposit amount, withdraw amount, transfer amount etc.

2 statisitical information

total number of line in c code= 166 lines total time required=18 hours total functions=9 functions

3 DEFINE FUNCTIONS-

3.0.1 Deposit function:

deposit function shows how much amount you deposit to your bank account.

total amount is the summation of deposited amount and balance.

3.0.2 Withdraw function:

withdraw functions means the amount that has been debited from your account.

total amount is the substraction of amount present and withdraw money.

3.0.3 Transfer function:

Transfer functions shows the amount the money that you transfer from one account to another.

3.0.4 Checkdetails function:

this function shows all the details like total amount, total deposited amount.

total withdrawal amount ,transferred amount etc.

3.0.5 Last function:

Exit functions shows that you clearly performed all the activites and gives the summary for your performed task.

3.0.6 Create an account Function:

This functions takes the details of a customer like their name, mobile number to create a new account in a bank.

3.0.7 Account number function:

This functions takes an account number from the user.

3.0.8 Select bank function:

This function help us to choose a bank in which you want to open an account.

3.0.9 List function:

List function calls the function one by one.you can call whatever function you wanna use.

4 SOURCE CODE-

4.1 IN C LANGUAGE:

```
#include < stdio.h>
#include < conio.h>
#include < stdlib.h>
int list();
void deposit();
void transfer();
void withdraw();
void checkdetail();
```

```
void create_an_account();
void acc_num();
void select_bank();
int totalamount=1000, amount, amo, totaldeposit=0, totalwithdraw=0, tr;
int totaltr=0;
int acc;
char name [50];
int main()
{
    //clrscr();
    // printf("ENTER YOUR NAME:\n");
    //gets(a);
    //printf("ENTER THE ACCOUNT NUMBER:");
    //scanf("%d",&acc);
    //getchar();
    printf("select bank:\n");
    select_bank();
while (1)
 //clrscr();
 switch(list())
        case 0:
                 create_an_account();
                 break;
        case 1:
                 acc_num();
                 break;
    case 2:
          deposit();
          totaldeposit+\!\!=\!\!amount;
         break;
    case 3:
          withdraw();
          if (amo<=totalamount)
          totalwithdraw+=amo;
         break;
    case 4:
          transfer();
          if (tr <= total amount)
```

```
totaltr+=tr;
         break;
    case 5:
         checkdetail();
         break;
    case 6:
     // clrscr();
      last();
      getch();
      exit(0);
    default:
      printf("\n invalid choice:");
 }//end of switch
getch();
}//end of while
return 0;
int list()
{
    int ch;
    printf("\n0. create an account:");
    printf("\n1. account number:");
    printf("\n2. deposit amount:");
    printf("\n3. withdraw amount:");
    printf("\n4. transfer amount:");
    printf("\n5. check detail:");
    printf(" \setminus n6. exit");
    printf("\n enter your choice:");
    scanf("%d",&ch);
    return (ch);
void deposit()
{
    printf("enter the amount you want to deposit:");
    scanf("%d",&amount);
    totalamount+=amount;
}
void withdraw(){
    printf("enter the amount you want to withdraw:");
```

```
scanf("%d",&amo);
    if (amo<=totalamount)
    totalamount—amo;
    printf("\n less amount withdraw is not possible");
void transfer()
    printf("\n enter the amount you want to transfer:");
    scanf("%d",&tr);
    if (tr <= total amount)
    totalamount-tr;
    printf("\n less amount transfer is not possible");
}
void checkdetail()
{
    printf("total amount:%d", totalamount);
    printf("\n total deposited amount:%d", totaldeposit);
    printf("\n total withdraw amount:%d", totalwithdraw);
    printf("\n total transferred amount:%d", totaltr);
}
void last()
{
    printf(" \ n*** \ ");
    printf("\n your name=%s",name);
    printf("\n account number=%d", acc);
    printf("\ntotal amount:=%d", totalamount);
    printf("\n total deposited amount:%d", totaldeposit);
    printf("\n total withdraw amount:%d", totalwithdraw);
    printf("\n total transferred amount:%d", totaltr);
    printf("\n*THANKS*\n");
void create_an_account()
{
        char name [50];
        long long int mobile_num;
        printf("enter your name:");
        getchar();
        gets (name);
```

```
puts (name);
         \verb|printf("enter your phone number:")|;\\
         scanf("%lld",&mobile_num);
         printf("%lld\n", mobile_num);
         getchar();
}
void acc_num()
         long long int acc;
         \verb|printf("ENTER THE ACCOUNT NUMBER:");|\\
    scanf("%lld",&acc);
         printf("your account no. is:%lld\n",acc);
}
void select_bank(){
         printf( "press 1 for HDFC bank\n");
printf( "press 2 for punjab national bank\n");
         printf( "press 3 for axis bank\n");
         int bank;
         scanf("%d",&bank);
         switch (bank) {
                  case 1:
                           printf("Welcome to HDFC bank\n");
                           break;
                  case 2:
                           printf("Welcome to punjab national bank\n"
                           break;
                  case 3:
                           printf("Welcome to axis bank\n");
                           break;
                  default:
                           printf("\nno other bank is available");
                  }
```

5 Output in C language-

```
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6 Profiling and Debugging





