

ASSIGNMENT 07

Mini-Project

ATM Interface (User side of Banking System)

1 Aim

The Aim of this mini project program is to make interface of User side of the Banking System. An ATM is a example of User side interface of Banking System.

2 Working

There are 2 sides of a Banking System. User side and Bank side. Bank side manages the transaction and keeps the record of user, his login credentials, and their transactions.

The user side has an Interface from where he can perform actions like checking his Balance, transferring money, withdrawing money, etc while using pin or passwords for safety.

3 Statistical information :

Starting date : 14, November, 2022

End Date : 20, November, 2022

Total Time Taken : 7 days

Total Line Of Code (C): 225

Number Of Functions (C) : 10

Total Line Of Code (Python): 202

Number Of Functions (Python) : 10

4 Functions used in this project

4.1 mainMenu()

This function makes a menu appear in front of the user and asks user to select from the provided options.

Options includes basic user side operations like: Checking balance, Withdraw, Deposit, Change pin, Exit./

4.2 checkBalance()

This function is called if the user choose to check his balance.This function takes the value of Total Balance as input and prints the total balance.

4.3 moneyDeposit()

This function is called if the user choose to Deposit money in his Bank Account.This function takes the value of current Total Balance as input, Adds the Deposit Amount in it, and then prints and returns the new Total Balance as output.

4.4 moneyWithdraw()

This function is called if the user choose to Withdraw money from his Bank Account.This function takes the value of current Total Balance as input,subtracts the withdrawing amount from it, and then prints and returns the new Total Balance as output.

4.5 checkPin()

This function asks the user to enter his pin provided by the Bank at the start and also while performing important tasks like Checking Balance, Withdrawing money, Depositing money, Changing pin etc And checks it with the pin already stored in database (ie, Provided by the bank while opening the bank account for the first time)

4.6 changePin()

This function is called when user choose to change his pin. This function takes the value of new pin from the user and updates the value of pin in the database.

4.7 errorMessage()

This function is called when the user enters an invalid data. This function provides an Error message "INVALID NUMBER".

4.8 printReceipt()

This function is called at the end. This function asks the user if he wants a receipt or not. If yes then it exits the the code while giving the receipt. If no then it exits the code without the receipt.

4.9 clearScreen()

This function itself has a system("cls") function. "cls" means clear screen. This function clears the screen before execution new function providing user with a good interface.

4.10 exitMenu()

This function provides a exiting message at the end.

5 Code In C language:

```
[style=chstyle,language=C]

#include <stdio.h>
#include <stdlib.h>
#include <math.h>

// Declaration of functions

void clearScreen();
void mainMenu();
void checkBalance(float Total_balance);
float moneyDeposit(float Total_balance);
float moneyWithdraw(float Total_balance);
void printReceipt();
void exitMenu();
void errorMessage();
void checkPin(int set_pin);
int changePin(int set_pin);

// Main function !!!!

int main()
{
    int set_pin = 1234;
```

```
int option;
float Total_balance = 25000.00;

int choice;

int flag = 1;
clearScreen();

printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
checkPin(set_pin);

while (flag)
{
    mainMenu();

    printf("-----\n");
    printf("-----\n\n");
    printf("Your Selection:\t");
    scanf("%d", &option);

    switch (option)
    {
        case 1:
            system("cls");
            checkPin(set_pin);
            checkBalance(Total_balance);
            break;
        case 2:
            system("cls");
            checkPin(set_pin);
            Total_balance = moneyDeposit(Total_balance);
            break;
        case 3:
            system("cls");
            checkPin(set_pin);
            Total_balance = moneyWithdraw(Total_balance);
            break;
        case 4:
            system("cls");
            checkPin(set_pin);
            set_pin = changePin(set_pin);
            break;

        case 5:
            system("cls");
            printReceipt();
            return 0;

        default:
            errorMessage();
            break;
    }

    printf("-----\n");
    printf("-----\n\n");
}
```

```
        printf("Press:\n 1 to continue \n");
        printf(" 2 to exit \n");
        printf("\nYour Selection:\t");
        scanf("%d", &choice);

        system("cls");

        if (choice == 2)
        {
            flag = 0;
            printReceipt();
        }
    }
    return 0;
}

// Defination of Functions

void mainMenu()
{
    printf("\t!! MENU !!\n\n");
    printf("Please choose one of the options below\nPress:\n\n");
    printf(" 1   To Check your Balance\n");
    printf(" 2   To Deposit\n");
    printf(" 3   To Withdraw\n");
    printf(" 4   To Change your pin\n");
    printf(" 5   Exit\n");
}

void clearScreen()
{
    system("cls");
}

void checkBalance(float Total_balance)
{
    printf("\nYou Choose to See your Balance\n");
    printf("\nYour Available Balance is:   %.2f Rs\n\n", Total_balance);
}

float moneyDeposit(float Total_balance)
{
    float deposit_amount;

    printf("\nYou choose to Deposit Money\n\n");
    printf("Your Previous Balance is: %.2f Rs\n\n", Total_balance);
    printf("Enter Deposit Amount\n");
    scanf("%f", &deposit_amount);

    Total_balance += deposit_amount;

    printf("\nYour New Balance is:   %.2f Rs\n\n ", Total_balance);
    return Total_balance;
}

float moneyWithdraw(float Total_balance)
{

```

```

float withdraw_amount;
int flag1 = 1;

printf("\nYou choose to Withdraw Money\n\n");
printf("Your Balance is: %.2f Rs\n\n", Total_balance);

while (flag1)
{
    printf("Enter Withdraw Amount:\n");
    scanf("%f", &withdraw_amount);

    if (withdraw_amount <= Total_balance)
    {
        flag1 = 0;
        Total_balance -= withdraw_amount;
        printf("\nYour withdrawing money is: %.2f Rs\n", withdraw_amount);
        printf("Your New Balance is: %.2f Rs\n\n", Total_balance);
    }
    else
    {
        clearScreen();

        printf("\n!!INSUFFICIENT BALANCE!!\n\n");
        printf("!!Your Account Balance is: %.2f Rs !!\n\n", Total_balance);
    }
}
return Total_balance;
}

void printReceipt()
{
    int reciept;
    printf("Do you want a receipt..???\n");
    printf("Press:\n\n 1 to print reciept\n 2 to Exit without the receipt \n");

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

    printf("\nYour Selection:\t");
    scanf("%d", &reciept);

    if (reciept == 1)
    {
        printf("\n!!!Take your receipt!!!\n");
        exitMenu();
    }
    else if (reciept == 2)
    {
        exitMenu();
    }
}

void exitMenu()
{
    printf("\n!!!Thank you for using ATM (Bodkhi Branch)!!!\n\n");
}

```

```
void errorMessage()
{
    printf("!!!Invalid number!!!\n");
}

void checkPin(int set_pin)
{
    int get_pin;
    printf("\nEnter your 4 Digit ATM PIN\n\n");
    scanf("%d", &get_pin);
    if (set_pin == get_pin)
    {
        printf("checked and compared\n");
        clearScreen();
    }
    else
    {
        printf("\n!!!INCORRECT PIN!!!\nTry AGAIN!!!\n");
        checkPin(set_pin);
    }
}

int changePin(int set_pin)
{
    int new_pin;
    printf("Enter new pin\n\n");
    scanf("%d", &new_pin);
    set_pin = new_pin;
    printf("\nYour new pin is : %d\n\n", set_pin);

    return set_pin;
}
```

6 Execution and Compilation

```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ nano c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ gcc c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ ./a.out
sh: 1: cls: not found

*WELCOME TO THE SBI ATM (BODKHI)*

Enter your 4 Digit ATM PIN

1234
checked and compared
sh: 1: cls: not found
!! MENU !!

Please choose one of the options below
Press:

1  To Check your Balance
2  To Deposit
3  To Withdraw
4  To Change your pin
5  Exit

=====

Your Selection: 1
sh: 1: cls: not found

Enter your 4 Digit ATM PIN

1234
checked and compared
sh: 1: cls: not found

You Choose to See your Balance

Your Available Balance is:  25000.00 Rs

=====

Press:
1 to continue
2 to exit

Your Selection: █

```

```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
Your Available Balance is:  25000.00 Rs

=====

Press:
1 to continue
2 to exit

Your Selection: 1
sh: 1: cls: not found
!! MENU !!

Please choose one of the options below
Press:

1  To Check your Balance
2  To Deposit
3  To Withdraw
4  To Change your pin
5  Exit

=====

Your Selection: 2
sh: 1: cls: not found

Enter your 4 Digit ATM PIN

1234
checked and compared
sh: 1: cls: not found

You choose to Deposit Money

Your Previous Balance is: 25000.00 Rs
Enter Deposit Amount
230

Your New Balance is:  25230.00 Rs

=====

Press:
1 to continue
2 to exit

Your Selection:

```

7 Profiling

```
ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ cd ..
ani@LAPTOP-GAM3BPLO:~$ cd PP_mini_project
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ nano c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ gcc -Wall -pg c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ ls
a.out  c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ ./a.out

sh: 1: cls: not found

*WELCOME TO THE SBI ATM (BODKHI)*

Enter your 4 Digit ATM PIN

1234
checked and compared
sh: 1: cls: not found
!! MENU !!

Please choose one of the options below
Press:

 1  To Check your Balance
 2  To Deposit
 3  To Withdraw
 4  To Change your pin
 5  Exit

=====

Your Selection: 5
sh: 1: cls: not found
Do you want a receipt...???
Press:

 1 to print receipt
 2 to Exit without the receipt

=====

Your Selection: 2

!!!Thank you for using ATM (Bodkhi Branch)!!!

ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ ls
a.out  c_code_for_banking.c  gmon.out
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ gprof a.out gmon.out > profiling_c_.txt
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$
```

```
ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
GNU nano 4.8
Flat profile:

Each sample counts as 0.01 seconds.
no time accumulated

% cumulative self      self     total
time  seconds seconds  calls  Ts/call Ts/call  name
0.00  0.00  0.00      2    0.00  0.00  clearScreen
0.00  0.00  0.00      1    0.00  0.00  checkPin
0.00  0.00  0.00      1    0.00  0.00  exitMenu
0.00  0.00  0.00      1    0.00  0.00  mainMenu
0.00  0.00  0.00      1    0.00  0.00  printReceipt

%
time      the percentage of the total running time of the
          program used by this function.

cumulative a running sum of the number of seconds accounted
seconds   for by this function and those listed above it.

self      the number of seconds accounted for by this
seconds   function alone. This is the major sort for this
          listing.

calls     the number of times this function was invoked, if
          this function is profiled, else blank.

self      the average number of milliseconds spent in this
ms/call   function per call, if this function is profiled,
          else blank.

total     the average number of milliseconds spent in this
ms/call   function and its descendents per call, if this
          function is profiled, else blank.

name      the name of the function. This is the minor sort
          for this listing. The index shows the location of
          the function in the gprof listing. If the index is
          in parenthesis it shows where it would appear in
          the gprof listing if it were to be printed.

^L
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notice and this notice are preserved.
^L

Get Help  Write Out  Where Is  Cut Text  Justify
Exit      Read File  Replace  Paste Text  To Spell
```



```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
GNU nano 4.8
^L
Call graph (explanation follows)

granularity: each sample hit covers 2 byte(s) no time propagated

index % time    self  children  called  name
-----
[1]  0.0  0.00  0.00  1/2    main [14]
      0.00  0.00  1/2    checkPin [2]
      0.00  0.00  2      clearScreen [1]
-----
[2]  0.0  0.00  0.00  1/1    main [14]
      0.00  0.00  1      checkPin [2]
      0.00  0.00  1/2    clearScreen [1]
-----
[3]  0.0  0.00  0.00  1/1    printReceipt [5]
      0.00  0.00  1      exitMenu [3]
-----
[4]  0.0  0.00  0.00  1/1    main [14]
      0.00  0.00  1      mainMenu [4]
-----
[5]  0.0  0.00  0.00  1/1    main [14]
      0.00  0.00  1      printReceipt [5]
      0.00  0.00  1/1    exitMenu [3]
-----

This table describes the call tree of the program, and was sorted by
the total amount of time spent in each function and its children.

Each entry in this table consists of several lines. The line with the
index number at the left hand margin lists the current function.
The lines above it list the functions that called this function,
and the lines below it list the functions this one called.
This line lists:
  index      A unique number given to each element of the table.
             Index numbers are sorted numerically.
             The index number is printed next to every function name so
             it is easier to look up where the function is in the table.

  % time     This is the percentage of the 'total' time that was spent
             in this function and its children. Note that due to
             different viewpoints, functions excluded by options, etc,
             these numbers will NOT add up to 100%.

  self       This is the total amount of time spent in this function.

```

8 Debugging

```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ nano c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ gcc -g c_code_for_banking.c
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ gdb a.out
GNU gdb (Ubuntu 9.1-0ubuntu1) 9.1
Copyright (C) 2020 Free Software Foundation, Inc.
License GPLv3+: GNU GPL version 3 or later <http://gnu.org/licenses/gpl.html>
This is free software: you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.
Type "show copying" and "show warranty" for details.
This GDB was configured as "x86_64-linux-gnu".
Type "show configuration" for configuration details.
For bug reporting instructions, please see:
<http://www.gnu.org/software/gdb/bugs/>.
Find the GDB manual and other documentation resources online at:
<http://www.gnu.org/software/gdb/documentation/>.

For help, type "help".
Type "apropos word" to search for commands related to "word"...
Reading symbols from a.out...
(gdb) lay next

```

```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
29      clearScreen();
31      printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
>B1      printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
33
34      while (flag)
35      {
36          printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
>B2      checkPin(set_pin);
37          mainMenu();
38
39          printf("_____\n");
40          printf("_____\n\n");
41          printf("Your Selection:\t");
32      checkPin(set_pin);ption);
43
>B3      while (flag)option)
45      {
46          case 1:
47              system("cls");
48              checkPin(set_pin);
49              checkBalance(Total_balance);
50              break;
51          case 2:
native process 256 In: main
Undefined command: "break". Try "help".
Breakpoint 2 at 0x11f8: file c_code_for_banking.c, line 28.
(gdb) run
Starting program: /home/ani/PP_mini_project/a.out
Breakpoint 1, main () at c_code_for_banking.c:21
(gdb) n
(gdb) n
(gdb) n
(gdb) n
(gdb) n
[Detaching after vfork from child process 260]
sh: 1: cls: not found
(gdb) n

*WELCOME TO THE SBI ATM (BODKHI)*

(gdb) n

Enter your 4 Digit ATM PIN

1234
checked and compared
[Detaching after vfork from child process 261]
sh: 1: cls: not found
(gdb)

```

```

ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
(gdb)B1      printf(" 2 to exit \n");
20      int main()
(B>>21      {
22          int set_pin = 1234;Selection:\t");
(gdb)23      int option;2d, &choice);
You 24      float Total_balance = 25000.00;
(gdb)25n
(gdb)26      int choice;
[De 27      syst      ;ess 265]
sB+ 28 cls: not fountint flag = 1;
Ent 29      clearScreen(); == 2)
123430
che 31      printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
sh:>32      checkPin(set_pin);pt());
(gdb)33n
>B4      while (flag)
35      {
36
37          mainMenu();
(gdb)38n
Pres39      printf("_____\n");
1 t40continue      printf("_____\n\n");
(gdb)41n      printf("Your Selection:\t");
2 t42exit      canf("%d", &option);
(gdb)43n
44      switch (option)
(gdb)45n
Your46election: 2      case 1:
(gd 47          system("cls");
[Det48hing after vfork f      checkPin(set_pin);
sh: 49 cls: not foun      checkBalance(Total_balance);
(b+ 50n      break;
(gdb) n
(gdb) n
Do you want a receipt...??
Press:
1 to print reciept
2 to Exit without the receipt
Your Selection: 1
!!!Take your receipt!!!
!!!Thank you for using ATM (Bodkhi Branch)!!!
(gdb)

```

```
ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
24     float Total_balance = 25000.00;
25
26     int choice;
27
28     int flag = 1;
>29     clearScreen();
29     clearScreen();
31     printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
>31     printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
33
34     while (flag)
31     printf("\n*WELCOME TO THE SBI ATM (BODKHI)*\n\n");
>32     checkPin(set_pin);
37     mainMenu();
38
39     printf("_____\n");
40     printf("_____\n\n");
41     printf("Your Selection:\t");
42     scanf("%d", &option);
43
44     switch (option)
45     {
46     case 1:
47         system("cls");
48         checkPin(set_pin);
49         checkBalance(Total_balance);
50         break;
51     case 2:
```

native process 275 In: main
(gdb) run

Breakpoint 1, main () at c_code_for_banking.c:21
(gdb) n
(gdb) del 5
(gdb) delete 17
No breakpoint number 17.
(gdb) del 100
No breakpoint number 100.
(gdb) n
(gdb) n
(gdb) n
(gdb) n
[Detaching after vfork from child process 279]
sh: 1: cls: not found
(gdb) n

WELCOME TO THE SBI ATM (BODKHI)

(gdb)

9 Code In Python language:

```
[style=chstyle,language=Python]
import os

# Functions
# clearScreen()
# mainMenu()
# checkBalance(Total_balance)
# moneyDeposit(Total_balance)
# moneyWithdraw(Total_balance)
# printReceipt()
# exitMenu()
# errorMessage()
# checkPin()
# changePin()

# Main function !!!!

def main():

    Total_balance = 25000.00
    set_pin = 1234
    flag = True
    # clearScreen()
    print("\n***WELCOME TO THE SBI ATM (BODKHI)***\n")
    checkPin(set_pin)
    while (flag):

        mainMenu()

        print("_____")
        print("_____")
        print("Your Selection:\t", end="")

        option = int(input())

        # in place of switch cases in c code
        if option == 1:

            clearScreen()
            checkPin(set_pin)
            checkBalance(Total_balance)

        elif option == 2:

            clearScreen()
            checkPin(set_pin)
            Total_balance = moneyDeposit(Total_balance)

        elif option == 3:

            clearScreen()
            checkPin(set_pin)
            Total_balance = moneyWithdraw(Total_balance)
```

```
elif option == 4:
    clearScreen()
    checkPin(set_pin)
    set_pin = changePin(set_pin)

elif option == 5:

    clearScreen()
    printReceipt()
    return False

else:
    errorMessage()

print("-----")
print("-----\n")

print("Press:\n 1 to continue ")
print(" 2 to exit \n")
print("\nYour Selection:\t", end="")
choice = int(input())
os.system("cls")

if (choice == 2):
    flag = False
    printReceipt()

# Defination of Functions

def mainMenu():
    print("\t!! MENU !!\n")
    print("Please choose one of the options below\nPress:\n")
    print(" 1   To Check your Balance")
    print(" 2   To Deposit")
    print(" 3   To Withdraw")
    print(" 4   To change your pin")
    print(" 5   Exit")

def clearScreen():
    os.system("cls")

def checkBalance(Total_balance):

    print("\nYou Choose to See your Balance\n")
    print(f"Your Available Balance is:  {Total_balance} Rs\n")

def moneyDeposit(Total_balance):

    print("\nYou choose to Deposit Money\n")
    print(f"Your Previous Balance is: {Total_balance} Rs\n")
    print("Enter Deposit Amount")
    deposit_amount = float(input())
```

```

    Total_balance += deposit_amount

    print(f"Your New Balance is: {Total_balance} Rs\n ")
    return Total_balance

def moneyWithdraw(Total_balance):

    flag1 = True

    print("\nYou choose to Withdraw Money\n")
    print(f"Your Balance is: {Total_balance} Rs\n")

    while (flag1):

        print("Enter Withdraw Amount:\n")
        withdraw_amount = float(input())

        if (withdraw_amount <= Total_balance):

            flag1 = False
            Total_balance -= withdraw_amount
            print(f"\nYour withdrawing money is: {withdraw_amount} Rs\n")
            print(f"Your New Balance is: {Total_balance} Rs\n")

        else:
            clearScreen()
            print("!!INSUFFICIENT BALANCE!!\n")

            print(f"!!Your Account Balance is: {Total_balance} Rs!!\n\n")

    return Total_balance

def printReceipt():

    print("Do you want a receipt..??? \n")
    print("Press:\n\n 1 to print reciept\n 2 to Exit without the receipt \n")

    print("_____")
    print("_____ \n")

    print("\nYour Selection:\t", end="")
    reciept = int(input())

    if (reciept == 1):

        print("\n!!!Take your receipt!!!\n")
        exitMenu()

    elif (reciept == 2):

        exitMenu()

def exitMenu():

```

```
print("\n!!!Thank you for using ATM (Bodkhi Branch)!!!\n\n")

def errorMessage():

    print("!!!Invalid number!!!\n")

def checkPin(set_pin):

    print("\nEnter your 4 Digit ATM PIN\n")
    get_pin = int(input())
    if (set_pin == get_pin):

        print("checked and compared\n")
        clearScreen()

    else:

        print("\n!!!INCORRECT PIN!!!\nTry AGAIN!!!\n")
        checkPin(set_pin)

def changePin(set_pin):

    print("Enter new pin\n")
    new_pin = int(input())
    set_pin = new_pin
    print(f"Your new pin is : {set_pin}")

    return set_pin

main()
```

10 Execution and Compilation

```
ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ nano py_code_for_banking.py
ani@LAPTOP-GAM3BPLO:~/PP_mini_project$ python3 py_code_for_banking.py
sh: 1: cls: not found

***WELCOME TO THE SBI ATM (BODKHI)***

Enter your 4 Digit ATM PIN
1233
!!!!INCORRECT PIN!!!!
Try AGAIN!!!!

Enter your 4 Digit ATM PIN
1244
!!!!INCORRECT PIN!!!!
Try AGAIN!!!!

Enter your 4 Digit ATM PIN
1234
checked and compared
sh: 1: cls: not found
!! MENU !!

Please choose one of the options below
Press:

1  To Check your Balance
2  To Deposit
3  To Withdraw
4  To change your pin
5  Exit
=====

Your Selection:
```

```
ani@LAPTOP-GAM3BPLO: ~/PP_mini_project
!! MENU !!

Please choose one of the options below
Press:

1  To Check your Balance
2  To Deposit
3  To Withdraw
4  To change your pin
5  Exit
=====

Your Selection: 3
sh: 1: cls: not found

Enter your 4 Digit ATM PIN
1234
checked and compared
sh: 1: cls: not found

You choose to Withdraw Money
Your Balance is: 25000.0 Rs

Enter Withdraw Amount:
500

Your withdrawing money is: 500.0 Rs
Your New Balance is: 24500.0 Rs
=====

Press:
1 to continue
2 to exit

Your Selection: 1
```



```

anil@LAPTOP-GAM3BPLO:~/PP_mini_project$
Your Selection: 3
sh: 1: cls: not found

Enter your 4 Digit ATM PIN

1234
checked and compared
sh: 1: cls: not found

You choose to Withdraw Money

Your Balance is: 25000.0 Rs

Enter Withdraw Amount:

500

Your withdrawing money is: 500.0 Rs

Your New Balance is: 24500.0 Rs

=====

Press:
1 to continue
2 to exit

Your Selection: 2
sh: 1: cls: not found
Do you want a receipt..???

Press:
1 to print reciept
2 to Exit without the receipt

=====

Your Selection: 2

!!!Thank you for using ATM (Bodkhi Branch)!!!

anil@LAPTOP-GAM3BPLO:~/PP_mini_project$

```

11 Version Controlling

Search or jump to... / Pull requests Issues Codespaces Marketplace Explore

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Anishiddha Suryawanshi
Anii2125

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Popular repositories

- test_demo (Public)
- Lab1 (Public)
- Lab2 (Public)
- Project1 (Public)
- ShapeAI_Python_Machine_Learning (Public) - Jupyter Notebook
- PP_MINI_PROJECT (Public) - TeX

55 contributions in the last year

Contribution settings

Learn how we count contributions

Less More

16°C 01:18 23-11-2022

The screenshot shows a GitHub repository page for 'Anii2125 / PP_MINI_PROJECT'. The repository is public and has 6 branches and 0 tags. The main branch is selected. The repository contains several files and folders:

- PP_MINI_PROJECT**: final codes... (2 days ago)
- PP_mini_project_REPORT**: Mini_project report (9 minutes ago)
- c_code_profiling_ss**: PROFILING ON C CODE DONE (5 days ago)
- README.md**: Update README.md (5 minutes ago)

The README.md file is open, showing the following content:

```
PP_MINI_PROJECT

Title: ATM interface (User side of Banking System)

// Banking code in C

C code completed and uploaded .....

profiling done on c code (screenshots uploaded on github)

code converted into python
```

The bottom of the screenshot shows a Windows taskbar with various application icons and a search bar.