

## ATM problem

```
import java.util.Scanner;

class Main {

    public static void main(String[] args) {

        Scanner sc=new Scanner(System.in);

        int originalpwd=2004;

        for(int i=1;i<=3;i++){

            System.out.print("Enter your current password:");

            int currentpwd=sc.nextInt();

            if(originalpwd==currentpwd){

                int balance=0;

                while(true){

                    System.out.println("welcome to SBI ATM");

                    System.out.print(" 1) Check Balance\n 2) Deposit\n 3) Withdraw\n 4) Exit\n ");

                    System.out.print("Enter your choice :");

                    int choice=sc.nextInt();

                    switch(choice){

                        case 1:

                            System.out.println("your bank balance:" + balance);

                            break;

                        case 2:

                            System.out.print("Deposit your amount :");

                            float deposit=sc.nextFloat();

                            balance+=deposit;

                            break;
```

case 3:

```
System.out.print("Enter the withdrawal amount :");
```

```
float withdrawl=sc.nextFloat();
```

```
balance-=withdrawl;
```

```
break;
```

case 4:

```
System.out.print("Thank you for choosing us visit again");
```

```
break;
```

default:

```
System.out.print("Please enter the valid choice");
```

```
}
```

```
if(choice==4){
```

```
break;
```

```
}
```

```
}
```

```
break;
```

```
}
```

```
else{
```

```
if(i != 3){
```

```
System.out.println("You had entered wrong pwd "+ i+" attempt");
```

```
}
```

```
else{
```

```
System.out.print("Timed out.You can try after 24hrs");
```

```
}
```

```
}  
  
}  
  
}  
  
}
```

Output:

Enter your current password:2004

welcome to SBI ATM

1) Check Balance

2) Deposit

3) WithDrawl

4) Exit

Enter your choice :2

Deposit your amount :50000

welcome to SBI ATM

1) Check Balance

2) Deposit

3) WithDrawl

4) Exit

Enter your choice :3

Enter the withdrawal amount :25000

welcome to SBI ATM

1) Check Balance

2) Deposit

3) WithDrawl

4) Exit

Enter your choice :1

your bank balance:25000

welcome to SBI ATM

1) Check Balance

2) Deposit

3) WithDrawl

4) Exit

Enter your choice :4

Thank you for choosing us visit again