

## **ATM problems**

```
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**