

```
import java.util.*;

class MarksOutOfBoundsException extends Exception{

    public void showError(){

        System.out.println("Invalid Marks"); } }

    public class Result{

        public static void main(String[] args){

            Scanner sc = new Scanner(System.in);

            Vector res = new Vector();

            System.out.println("Enter name: ");

            String name = sc.nextLine();

            System.out.println("Enter seat number: ");

            String seatno = sc.next();

            System.out.println("Enter date in dd.mm.yyy format: ");

            String date = sc.next();

            System.out.println("Enter centre number: ");

            int centreno = sc.nextInt();

            boolean f = false;

            int marks = 0;

            do{

                f = false;

                try{

                    System.out.println("Enter marks: ");

                    marks = sc.nextInt();

                    if(marks < 0 || marks > 100)

                        throw new MarksOutOfBoundsException(); }
```

```
catch(MarksOutOfBoundsException e){  
e.showError();  
f = true; }  
  
}while(f);  
  
System.out.println("Name: " + name + " SeatNo: " + seatno + " Date: " + date + " CentreNo: " + centreno  
+ " Marks: " + marks); }  
  
}
```

## Output

Enter name:

ABCD

Enter seat number:

60004181234

Enter date in dd.mm.yyyy format

1.1.2000

Enter centre number:

2000

Enter marks:

120

Invalid marks

Enter marks:

99

Name: ABCD SeatNo:60004181234 Date:1.1.2000 CentreNo:2000 Marks:99