JAVA-Week 7

Objective: Implement the concepts of Exception Handling in Java.

Assignments:

1. Write a Java program to show the use of all keywords for exception handling

```
package Week7;
public class ALl_Exception {
    public static void main(String[] args) {
        int a=50;
        try{
            int sum=a/0;
        }
        catch (ArithmeticException e) {
            System.out.println("Exception: "+e);
        }
        finally{
            System.out.println("Executing finally block");
        }
    }
}
Exception: java.lang.ArithmeticException: / by zero
Executing finally block
```

2. Write a Java program using try and catch to generate NegativeArrayIndex Exception and Arithmetic Exception.

```
package Week7;
public class NegArray_Arithm_Exception {
    public static void main(String[] args) {
        int arr[];
        try{
            arr=new int[-10];
        }
}
```

3. Define an exception called ¡§NoMatchFoundException¡" that is thrown when a string is not equal to ¡§University¡". Write a program that uses this exception.

```
class NoMatchFoundException extends Exception{
    NoMatchFoundException(String s) {
        super(s);
    }
}

public class NoMatchFoundException_Driver {
        public static void Match(String z) throws
NoMatchFoundException
        {
            if(z!=";$University;"")
            {
                  throw new
NoMatchFoundException("NoMatchFoundException Gen");
            }
}
```

package Week7;

4. Write a class that keeps a running total of all characters passed to it (one at a time) and throws an exception if it is passed a non-alphabetic character.

```
package Week7;

class NonAlphabeticException extends Exception{
    NonAlphabeticException(String s) {
        super(s);
    }
}

class Alpha {
    public static void alpha(char a) throws
NonAlphabeticException
    {
        if(a<97 || a>122)
        {
            throw new
NonAlphabeticException("NonAlphabeticException");
        }
    }
}

public class Alphabetic_exception {
    public static void main(String args[])
```

5. Write a program called Factorial.java that computes factorials and catches the result in an array of type long for reuse. The long type of variable has its own range. For example 20! Is as high as the range of long type. So check the argument passes and ¡§throw an exceptionj", if it is too big or too small.

"h If x is less than 0 throw an IllegalArgumentException with a message ¡§Value of x must be positive;".

"h If x is above the length of the array throw an IllegalArgumentException with a message ¡§Result will overflowj".

Here x is the value for which we want to find the factorial.

```
package Week7;

public class Factorial_Exception {
    public static void calculateFactorial(long n) {
        if (n < 0)
            throw new IllegalArgumentException("n must be positive");
        else if (n > 20)
            throw new IllegalArgumentException("n must be < 20");
        else
            {
            long z=n;
        }
}</pre>
```

```
long fact=1;
    while(n>1)
{
        fact*=n;
        n--;
    }
        System.out.println("Factorial of "+z+" =
"+fact);
}

public static void main(String args[])
{
        calculateFactorial(5);
        calculateFactorial(21);
    }
}
Factorial of 5 = 120
java.lang.IllegalArgumentException: n must be < 20</pre>
```

6. Write a class that keeps a running total of all characters passed to it (one at a time) and throws an exception if it is passed a non-alphabetic character.

```
package Week7;

class NonAlphabeticException extends Exception{
    NonAlphabeticException(String s) {
        super(s);
    }
}

class Alpha {
    public static void alpha(char a) throws
NonAlphabeticException
    {
        if(a<97 || a>122)
        {
            throw new
NonAlphabeticException("NonAlphabeticException");
        }
    }
}
```

7. Write a program that outputs the name of the capital of the country entered at the command line. The program should throw a ¡§NoMatchFoundException¡" when it fails to print the capital of the country entered at the command line.

```
package Week7;
import java.util.Scanner;

class NoMatchFoundException extends Exception{
    NoMatchFoundException(String s) {
        super(s);
    }
}

public class CapitalException_Driver {

    public static void main(String args[]) {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter teh capital name");
        String str=sc.next();
        String cap="delhi";
```

```
try {
    if(str.equals(cap))
    {
        System.out.println("Match");
    }
    else
    {
        throw new

NoMatchFoundException("NoMatchFoundException");
    }
    } catch (Exception e) {
        System.out.println(e);
    }
    System.out.print("Rest Code");
}

Enter teh capital name
Chennai
Week7.NoMatchFoundException: NoMatchFoundException
Rest Code
```

8. Write a program that takes a value at the command line for which factorial is to be computed. The program must convert the string to its integer equivalent. There are three possible user input errors that can prevent the program from executing normally.

"h The first error is when the user provides no argument while executing the program and an ArrayIndexOutOfBoundsException is raised. You must write a catch block for this.

"h The second error is NumberFormatException that is raised in case the user provides a non-integer (float double) value at the command line.

"h The third error is IllegalArgumentException. This needs to be thrown manually if the value at the command line is 0.

```
package Week7;
import java.util.Scanner;
public class Factorial Three Exception {
```

```
public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          String str=sc.next();
          int n=0;
          try{
                n=Integer.parseInt(str);
                if(n==0)
                      throw new IllegalArgumentException();
                int z=n;
                int fact=1;
                 while (n>1)
                       fact*=n;
                      n--;
                 System.out.println("Factorial of "+z+" =
"+fact);
                    catch (ArrayIndexOutOfBoundsException e)
               System.out.print(e);
          catch (NumberFormatException e)
               System.out.print(e);
          catch (IllegalArgumentException e)
               System.out.print(e);
     }
java.lang.NumberFormatException: For input string: "1.00"
java.lang.IllegalArgumentException
Factorial of 5 = 120
```

9. Create a user-defined exception named CheckArgument to check the number of arguments passed through the command line. If the number of argument is

less than 5, throw the CheckArgumentexception, else print the addition of all the five numbers.

```
package Week7;
import java.util.Scanner;
class CheckArgumentexception extends Exception{
     CheckArgumentexception(String s) {
          super(s);
public class CheckArgumentexception Driver {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          System.out.println("enter the limit");
          int n=sc.nextInt();
          System.out.println("enter "+n+" numbers");
          int[] arr=new int[n];
          for (int i=0; i<n; i++)</pre>
                arr[i]=sc.nextInt();
          try
                if(n<5)
                     throw new CheckArgumentexception("n is less
than 5");
                else
                     int sum=0;
                     for (int i=0; i<n; i++)</pre>
                          sum+=arr[i];
                     System.out.println("Sum is:"+sum);
          catch (Exception e)
                System.out.print(e);
     }
```

```
enter the limit
3
enter 3 numbers
1
2
3
Week7.CheckArgumentexception: n is less than 5
```

- 10. Consider a Student examination database system that prints the mark sheet of students. Input the following from the command line.
- (a) Studenti¦s Name
- (b) Marks in six subjects

These marks should be between 0 to 50. If the marks are not in the specified range, raise a RangeException, else find the total marks and prints the percentage of the students.

```
package Week7;
import java.util.Scanner;
class RangeException extends Exception{
     RangeException() {
          super("Marks should be between 0 to 50");
     }
public class RangeException Student {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          System.out.println("Enter the Student name");
          String str=sc.next();
          System.out.println("enter "+6+" marks");
          int[] arr=new int[6];
          for(int i=0;i<6;i++)
               arr[i]=sc.nextInt();
          try
               int sum=0;
               for(int i=0;i<arr.length;i++)</pre>
```

```
if(arr[i]<0 || arr[i]>50)
                     throw new RangeException();
                     sum+=arr[i];
                System.out.print("Percentage is : "+(sum/6)*2);
           catch (RangeException e)
                System.out.print(e);
     }
Enter the Student name
Soumyadip
enter 6 marks
4.5
45
45
900
45
40
Week7.RangeException: Marks should be between 0 to 50
Enter the Student name
Soumyadip
enter 6 marks
40
40
40
40
40
40
Percentage is: 80
11. Write a java program to create an custom Exception that would handle at
least 2 kind of Arithmetic Exceptions while calculating a given equation (e.g.
X+Y*(P/Q)Z-I)
package Week7;
import java.util.Scanner;
class CustomArithmeticException extends Exception{
     CustomArithmeticException(String s) {
           super(s);
```

```
}
public class Two ArithmeticException {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          int x,y,p,q,z,l;
          System.out.println("Enter X");
          x=sc.nextInt();
          System.out.println("Enter Y");
          y=sc.nextInt();
          System.out.println("Enter P");
          p=sc.nextInt();
          System.out.println("Enter P");
          q=sc.nextInt();
          System.out.println("Enter Z");
          z=sc.nextInt();
          System.out.println("Enter L");
          l=sc.nextInt();
          try
               if (q==0)
                    throw new CustomArithmeticException("Cannot
divided by 0");
          int sum=(x+y*(p/q)*z-1);
               if(sum<0)
                    throw new CustomArithmeticException("Sum
cannot be negetive");
          System.out.print(sum);
          catch (CustomArithmeticException e)
               System.out.print(e);
     }
Enter X
10
Enter Y
```

```
20
Enter P
30
Enter P
0
Enter Z
40
Enter L
50
Week7.CustomArithmeticException: Cannot divided by 0
Enter X
1
Enter Y
2
Enter P
3
Enter P
4
Enter Z
5
Enter L
6
Week7.CustomArithmeticException: Sum cannot be negative
```

12. Create two user-defined exceptions named ¡§TooHot¡" and ¡§TooCold¡" to check the temperature (in Celsius) given by the user passed through the command line is too hot or too cold.

If temperature > 35, throw exception ¡§TooHot¡".

If temperature <5, throw exception ¡§TooCold¡".

Otherwise, print ¡§Normal¡" and convert it to Farenheit.

```
package Week7;
import java.util.Scanner;

class TooHot extends Exception{
    TooHot() {
        super("Temperature is too-hot");
     }
}

class TooCold extends Exception{
```

```
TooCold() {
          super("Temperature is too-cold");
public class TempException {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          int x, y, p, q, z, 1;
          System.out.println("Enter the temperature
(Celsius):");
          x=sc.nextInt();
          try
               if(x<0)
                    throw new TooCold();
               if(x>35)
                    throw new TooHot();
          System.out.println("Temperature is (Celsius):"+x);
               System.out.print("Temperature is (Fahrenheit
):"+(x*(9/5)+32));
          catch (TooHot e)
               System.out.print(e);
          catch (TooCold e)
               System.out.print(e);
     }
Enter the temperature (Celsius):
-3
Week7.TooCold: Temperature is too-cold
Enter the temperature (Celsius):
50
Week7.TooHot: Temperature is too-hot
Enter the temperature (Celsius):
19
Temperature is (Celsius):19
Temperature is (Fahrenheit):51
```

13. Consider an Employee recruitment system that prints the candidate name based on the age criteria. The name and age of the candidate are taken as Input.Create two user-defined exceptions named ¡§TooOlder¡" and ¡§TooYounger¡"

```
"h If age>45, throw exception i§TooOlderi".
"h If age<20, throw exception i§TooYoungeri".
"h Otherwise, print ¡§Eligiblej" and print the name of the candidate.
package Week7;
import java.util.Scanner;
class TooYounger extends Exception{
     TooYounger() {
           super("TooYounger");
}
class TooOlder extends Exception{
     TooOlder() {
           super("TooOlder");
public class AgeException {
     public static void main(String args[])
           Scanner sc=new Scanner(System.in);
           System.out.println("Enter the Name:");
          String name=sc.next();
           System.out.println("Enter the age:");
           int x=sc.nextInt();
           try
                if(x<20)
                     throw new TooYounger();
                if (x>40)
                     throw new TooOlder();
```

```
System.out.println("(Eligible) Name :"+name);
          catch (TooYounger e)
               System.out.print(e);
          catch(TooOlder e)
               System.out.print(e);
     }
Enter the Name:
Tom
Enter the age:
19
Week7.TooYounger: TooYounger
Enter the Name:
Bruce
Enter the age:
Week7.TooOlder: TooOlder
Enter the Name:
Soumyadip
Enter the age:
(Eligible) Name :Soumyadip
```

14. Consider a ¡§Binary to Decimal¡" Number conversion system which only accepts binary number as Input. If user provides a decimal number a custom Exception ¡§WrongNumberFormat¡" exception will be thrown. Otherwise, it will convert into decimal and print into the screen.

```
package Week7;
import java.util.Scanner;
class WorngNumberException extends Exception{
    WorngNumberException() {
        super("Please enter the binary number");
```

```
}
}
public class Binary Decimal Exception {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          System.out.println("Enter the number (in binary):");
          String str=sc.next();
          try
               for(int i=0;i<str.length();i++)</pre>
                     if(str.charAt(i)!='0' && str.charAt(i)!='1')
                          throw new WorngNumberException();
               int a=Integer.parseInt(str,2);
               System.out.print("Decimal :"+a);
          catch (Exception e)
               System.out.print(e);
     }
Enter the number (in binary):
121
Week7.WorngNumberException: Please enter the binary number
Enter the number (in binary):
101
Decimal:5
15. Write a Java Program that Implement the Nested Try Statements.
package Week7;
public class NestedTry {
    public static void main(String args[])
        try {
            int a[] = { 1,2,3 };
```

```
System.out.println(a[10]);
try {
        int x = a[2] / 0;
}
catch (ArithmeticException f) {
        System.out.println(f);
}
catch (ArrayIndexOutOfBoundsException e) {
        System.out.println(e);
}
system.out.println(e);
}
java.lang.ArithmeticException: / by zero
```

16. Write a Java Program to Create Account with 500 Rs Minimum Balance, Deposit Amount, Withdraw Amount and Also Throws LessBalanceException.

Java Program Which has a Class Called LessBalanceException Which returns the Statement that Says WithDraw Amount(_Rs) is Not Valid

Java Program that has a Class Which Creates 2 Accounts, Both Account Deposit Money and One Account Tries to WithDraw more Money Which Generates a LessBalanceException Take Appropriate Action for the Same.

```
package Week7;
import java.util.Scanner;

class LessBalanceException extends Exception{
    LessBalanceException(int i) {
        super("WithDraw Amount "+i+" is not valid");
    }
}

public class Bank_Exception {
    public static void main(String[] args) {
        int am=500;
        System.out.println("Account created with initial balance 500");
```

```
Scanner sc=new Scanner(System.in);
          while (x!=1)
               System.out.println("1. Diposit");
               System.out.println("2. Withdraw");
               int a=sc.nextInt();
               if(a==1)
                    System.out.println("Enter the ammount");
                    int z=sc.nextInt();
                    am+=z;
                    System.out.println("Current balance :"+am);
               else if (a==2)
                    System.out.println("Enter the ammount");
                    int z=sc.nextInt();
                    if(z>am)
                          try {
                               throw new LessBalanceException(z);
                          } catch (LessBalanceException e) {
                               System.out.println(e);
                    else
                          am-=z;
                    System.out.println("Current balance :"+am);
               else
                    x=1;
     }
Account created with initial balance 500
1. Diposit
2. Withdraw
Enter the ammount
5000
Current balance :5500
1. Diposit
2. Withdraw
Enter the ammount
```

int x=0;

```
2000
Current balance :3500
1. Diposit
2. Withdraw
2
Enter the ammount
10000
Week7.LessBalanceException: WithDraw Amount 10000 is not valid
Current balance :3500
```

17. Consider a Library Management System, where a user wants to find a book. If the book is present in Library (Hint: Use predefined array), then it will print the book. Otherwise it will throw an exception j§BookNotFoundExceptionj...

```
package Week7;
import java.awt.print.Book;
import java.util.Scanner;
class BookNotFoundException extends Exception{
     BookNotFoundException() {
          super("Book not found exception");
public class Library Exception Driver {
     public static void main(String args[])
          Scanner sc=new Scanner(System.in);
          int books[]={101,202,303,404,505};
          System.out.println("Enter the book no.:");
          int key=sc.nextInt();
          int flag=0;
          for (int i=0;i<books.length;i++)</pre>
               if (books[i] == key)
                     flag=1;
          try
               if(flag==0)
                     throw new BookNotFoundException();
               else
```

18. Consider a Quiz Management System, where a user needs to answer 5 questions. If any of the answer is wrong, throw an exception i§NotCorrectExceptioni. If the answer is correct give a message i§good! The answer is correcti.

```
package Week7;
import java.util.Scanner;
class NotCorrectException extends Exception{
     NotCorrectException() {
          super("Wrong answer");
     }
public class Quiz Exception {
     public static void main(String arrg[])
          Scanner sc=new Scanner(System.in);
          System.out.println("Captain of Indian Cricket team?");
          System.out.println("1: Virat Kohli");
          System.out.println("2: MS. Dhoni");
          if(sc.nextInt() == 1)
               System.out.println("Good");
          else
               try {
```

```
throw new NotCorrectException();
     } catch (NotCorrectException e) {
          System.out.println(e);
System.out.println("EX Prime Minister of India?");
System.out.println("1: Dr. Manmohan Singh");
System.out.println("2: Arvind Kejriwal");
if(sc.nextInt() ==1)
     System.out.println("Good");
else
     try {
          throw new NotCorrectException();
     } catch (NotCorrectException e) {
          System.out.println(e);
System.out.println("Who wrote the C language?");
System.out.println("1: Bill Gates");
System.out.println("2: Dennis Ritchie");
if(sc.nextInt() == 2)
     System.out.println("Good");
else
     try {
          throw new NotCorrectException();
     } catch (NotCorrectException e) {
          System.out.println(e);
System.out.println("JAVA is written in which year?");
System.out.println("1: 1992");
System.out.println("2: 1995");
if(sc.nextInt() == 2)
     System.out.println("Good");
else
     try {
          throw new NotCorrectException();
     } catch (NotCorrectException e) {
          System.out.println(e);
System.out.println("When was TCS established?");
System.out.println("1: 1 April 1968");
System.out.println("2: 1 April 1972");
if(sc.nextInt() ==1)
```

```
System.out.println("Good");
          else
               try {
                    throw new NotCorrectException();
               } catch (NotCorrectException e) {
                    System.out.println(e);
}
Captain of Indian Cricket team?
1: Virat Kohli
2: MS. Dhoni
Week7.NotCorrectException: Wrong answer
EX Prime Minister of India?
1: Dr. Manmohan Singh
2: Arvind Kejriwal
Week7.NotCorrectException: Wrong answer
Who wrote the C language?
1: Bill Gates
2: Dennis Ritchie
2
Good
JAVA is written in which year?
1: 1992
2: 1995
Good
When was TCS established?
1: 1 April 1968
2: 1 April 1972
Week7.NotCorrectException: Wrong answer
```

19. Write a program to raise a user defined exception if username is less than 6 characters and password does not match.

```
package Week7;
import java.util.Scanner;
class PasswordException extends Exception{
    PasswordException(String s){
```

```
super(s);
     }
public class Password Exception {
     public static void main(String arrg[])
          String pass="UEMKCSEJAVA";
          Scanner sc=new Scanner(System.in);
          System.out.print("Enter the username :");
          String user1=sc.next();
          if(user1.length()<6)</pre>
               try {
                     throw new PasswordException("Length is less
than 6");
               } catch (PasswordException e) {
                    System.out.print(e);
               }
          System.out.print("Enter the password :");
          String str=sc.next();
          if(str.equals(pass))
                    System.out.print("Password Matched");
          else
               try {
                    throw new PasswordException("Wrong
Password");
               } catch (PasswordException e) {
                    System.out.print(e);
Enter the username : CSE
Week7.PasswordException: Length is less than 6
Enter the username :Soumya
Enter the password : UEMKCSE
Week7.PasswordException: Wrong Password
Enter the username : Soumya
Enter the password : UEMKCSEJAVA
Password Matched
```

20. Write a program to accept a password from the user and throw 'Authentication Failure' exception if the password is incorrect.

```
package Week7;
import java.util.Scanner;
class AuthenticationFailure extends Exception{
     AuthenticationFailure() {
          super("AuthenticationFailure");
public class USER PASS Exception {
     public static void main(String arrg[])
          String pass="UEMKCSEJAVA";
          Scanner sc=new Scanner(System.in);
          System.out.println("Enter the password :");
          String str=sc.next();
          if(str.equals(pass))
                    System.out.println("Password Matched");
          else
               try {
                    throw new AuthenticationFailure();
               } catch (AuthenticationFailure e) {
                    System.out.print(e);
Enter the password : UEMKCSEJAVA
Password Matched
Enter the password : UEMKCSE
Week7. Authentication Failure: Authentication Failure
```

21. Write a program to input name and age of a person and throw a user-defined exception, if the entered age is negative.

```
package Week7;
import java.util.Scanner;
class NegAgeException extends Exception{
    NegAgeException() {
        super("Age should'nt be negetive");
```

```
public class Age Name Exception {
     public static void main(String arrg[])
          Scanner sc=new Scanner(System.in);
          System.out.print("Enter the name :");
          String user1=sc.next();
          System.out.println("Enter the age :");
          int age=sc.nextInt();
          if(age<0)
               try {
                    throw new NegAgeException();
               } catch (NegAgeException e) {
                    System.out.print(e);
     }
Enter the name : Soumyadip
Enter the age :
-20
Week7.NegAgeException: Age should'nt be negetive
```

22. Write a program to throw user defined exception if the given number is not positive.

```
package Week7;
import java.util.Scanner;
class NotPositiveException extends Exception{
    NotPositiveException() {
        super("Age should'nt be negetive");
    }
}
public class NotPositive_Exception{
    public static void main(String arrg[])
```

23. Write a program to throw a user-defined exception "String Mismatch Exception", if two strings are not equal (ignore the case).

```
package Week7;
import java.util.Scanner;
class StringMismatchException extends Exception{
     StringMismatchException () {
          super("StringMismatchException ");
     }
public class String Equal Exception {
     public static void main(String arrg[])
          Scanner sc=new Scanner(System.in);
          System.out.println("Enter 1st String :");
          String str=sc.next();
          System.out.println("Enter 2nd String:");
          String str1=sc.next();
          if(str.equals(str1))
                    System.out.println("String Matched");
          else
               try {
```

24. Design a stack class. Provide your own stack exceptions namely push exception and pop exception, which throw exceptions when the stack is full and when the stack is empty respectively. Show the usage of these exceptions in handling a stack object in the main.

```
package Week7;

class StackException extends Exception{
    public StackException()
    {
        super("Stack size exception");
    }
}

class Stack_{
    static int arr[]=new int[5];
    static int max=arr.length;
    static int top=-1;

    static void push(int a)
    {
        top++;
        if(top<max)
        {
            arr[top]=a;
            System.out.println(a+" pushed");
        }
}</pre>
```

```
else
                top--;
               try {
                     throw new StackException();
                } catch (StackException e) {
                     System.out.println(e);
     static void pop()
          if(top>=0)
               System.out.println(arr[top--]+" Popped");
          else
                top++;
               try {
                     throw new StackException();
                } catch (StackException e) {
                     System.out.println(e);
          }
     }
}
public class Stack Exception {
     public static void main(String[] args) {
          Stack .push(10);
          Stack .push(20);
          Stack_.push(30);
          Stack .push(40);
          Stack .push(50);
          Stack .push(50);
          Stack .pop();
          Stack_.pop();
          Stack .pop();
          Stack .pop();
          Stack .pop();
          Stack .pop();
     }
```

```
}
10 pushed
20 pushed
30 pushed
40 pushed
50 pushed

Week7.StackException: Stack size exception
50 Popped
40 Popped
30 Popped
20 Popped
10 Popped
Week7.StackException: Stack size exception
```

25. Write an application that displays a series of at least five student ID numbers (that you have stored in an array) and asks the user to enter a numeric test score for the student. Create a ScoreException class, and throw a ScoreException for the class if the user does not enter a valid score (zero to 100). Catch the ScoreException and then display an appropriate message. In addition, store a 0 for the studenti¦s score. At the end of the application, display all the student IDs and scores.

```
package Week7;
import java.util.Scanner;

class ScoreException extends Exception{
    ScoreException (){
        super("Invaid Score");
    }
}

public class Student_Exception{

    public static void main(String arrg[])
    {
        int enroll[]={101,102,103,104,105};
        int marks[]=new int[5];

        Scanner sc=new Scanner(System.in);
        for(int i=0;i<enroll.length;i++)</pre>
```

```
System.out.println("Enter marks of Enrollment
no:"+enroll[i]);
               int a=sc.nextInt();
               if(a<0 || a>100)
                    try {
                          throw new ScoreException();
                     } catch (ScoreException e) {
                          System.out.println(e);
                    marks[i]=0;
               else
                    marks[i]=a;
          for(int i=0;i<enroll.length;i++)</pre>
               System.out.println("Enrollment no:"+enroll[i]+"
Marks:"+marks[i]);
          }
     }
Enter marks of Enrollment no:101
99
Enter marks of Enrollment no:102
Week7.ScoreException: Invaid Score
Enter marks of Enrollment no:103
Enter marks of Enrollment no:104
Week7.ScoreException: Invaid Score
Enter marks of Enrollment no:105
Enrollment no:101 Marks:99
Enrollment no:102 Marks:0
Enrollment no:103 Marks:95
Enrollment no:104 Marks:0
Enrollment no:105 Marks:89
```