LAB-5

public class InvalidUserName extends RuntimeException {

public InvalidUserName(String msg)

{

super(msg);

}

}

public class ValidateAge {

public static void main(String args[])

{

int age=15;

ValidateAge validate=new ValidateAge();

validate.CheckAge(age);

}

public void CheckAge(int age)

{

try

{

if(age<=15)

{

InvalidAgeException e= new InvalidAgeException("Age of a person be above 15");

throw e;

}

else

{

System.out.println("Age of a person: "+age);

}

}

catch(InvalidAgeException e)

{

System.out.println(e.getMessage());

}

}

}

@SuppressWarnings("serial")

public class InvalidAgeException extends Exception{

public InvalidAgeException(String msg)

{

super(msg);

}

}

public class EmployeeMain {

public static void main(String[] args) {

// TODO Auto-generated method stub

int salary=3000;

EmployeeMain employee=new EmployeeMain();

employee.validSalary(salary);

}

public void validSalary(int salary)

{

try

{

if(salary<=3000)

{

throw new InvalidSalaryException("Salary Should be greater than 3000");

}

else

{

System.out.println("You Salary is"+salary);

}

}

catch(Exception e)

{

System.out.println(e.getMessage());

}

}

}

public class InvalidSalaryException extends Exception {

public InvalidSalaryException(String msg)

{

super(msg);

}

}

public class ValidateEmployee {

public static void main(String args[])

{

String firstName="ram";

String secondName="sai";

ValidateEmployee employee=new ValidateEmployee();

try

{

employee.validate(firstName,secondName);

}

catch(InvalidUserName e)

{

System.out.println(e.getMessage());

}

}

public void validate(String firstName,String secondName)

{

if(firstName.length()==0||secondName.length()==0)

{

InvalidUserName us=new InvalidUserName("firstname or lastname is blank");

throw us;

}

else

{

System.out.println(firstName+" "+secondName);

}

}

}