# PROGRAMMING USING JAVA WEEK 9 ASSIGNME

[**With a Sample program explain**](https://learn.srmonline.in/d2l/common/dialogs/quickLink/quickLink.d2l?ou=7367&type=dropbox&rcode=10C964EA-3E97-42BD-B97A-7506BEAFF63D-15879)[**how custom exception are created**](https://learn.srmonline.in/d2l/common/dialogs/quickLink/quickLink.d2l?ou=7367&type=dropbox&rcode=10C964EA-3E97-42BD-B97A-7506BEAFF63D-15879)[**in java**](https://learn.srmonline.in/d2l/common/dialogs/quickLink/quickLink.d2l?ou=7367&type=dropbox&rcode=10C964EA-3E97-42BD-B97A-7506BEAFF63D-15879)

class InvalidAgeException extends Exception

{

public InvalidAgeException (String str)

{

// calling the constructor of parent Exception super(str);

}

}

// class that uses custom exception InvalidAgeException public class TestCustomException1

{

// method to check the age

static void validate (int age) throws InvalidAgeException{ if(age < 18){

// throw an object of user defined exception

throw new InvalidAgeException("age is not valid to vote");

}

else {

System.out.println("welcome to vote"); }

}

// main method

public static void main(String args[]) { try

{

// calling the method validate(13);

}

catch (InvalidAgeException ex)

{

System.out.println("Caught the exception");

// printing the message from InvalidAgeException object System.out.println("Exception occured: " + ex);

}

System.out.println("rest of the code...");

}

}

# Output :