**Write a program in Java to display the names and roll numbers of students. Initialize respective array variables for 10 students. Handle ArrayIndexOutOfBoundsExeption, so that any such problem doesn’t cause illegal termination of program.**

***CODE:***

***import java.io.\*;***

***class student***

***{***

***String name,grade;***

***int reg,m1,m2,m3;***

***void read()throws Exception***

***{***

***DataInputStream in= new DataInputStream(System.in);***

***System.out.println("enter the register no : ");***

***reg=Integer.parseInt(in.readLine());***

***System.out.println("enter the name : ");***

***name=in.readLine();***

***System.out.println("enter mark1 : ");***

***m1=Integer.parseInt(in.readLine());***

***System.out.println("enter mark2 : ");***

***m2=Integer.parseInt(in.readLine());***

***System.out.println("enter mark3 : ");***

***m3=Integer.parseInt(in.readLine());***

***}***

***public void disp\_grade()***

***{***

***int tt=m1+m2+m3;***

***if(tt>=250) grade="A";***

***else if(tt>=200) grade="B";***

***else if(tt>=150) grade="C";***

***else if(tt>=100) grade="D";***

***else grade="E";***

***System.out.println("Grade :"+grade);***

***}***

***void disp()***

***{***

***System.out.println();***

***System.out.println(" MARK LIST OF STUDENTS ");***

***System.out.println();***

***System.out.println("Register No :"+reg);***

***System.out.println("Name :"+name);***

***System.out.println("Mark1 :"+m1);***

***System.out.println("Mark2 :"+m2);***

***System.out.println("Mark3 :"+m3);***

***disp\_grade();***

***}***

***}***

***class Main***

***{***

***public static void main(String ar[])***

***{***

***int no=0;***

***student s=new student();***

***try***

***{***

***DataInputStream in= new DataInputStream(System.in);***

***System.out.println("enter the number of students : ");***

***no=Integer.parseInt(in.readLine());***

***for(int i=0;i<no;i++);***

***s.read();***

***}***

***catch(ArrayIndexOutOfBoundsException e)***

***{***

***System.out.println("the maximum students should be ten\n");***

***no=10;***

***}***

***catch(Exception e)***

***{***

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

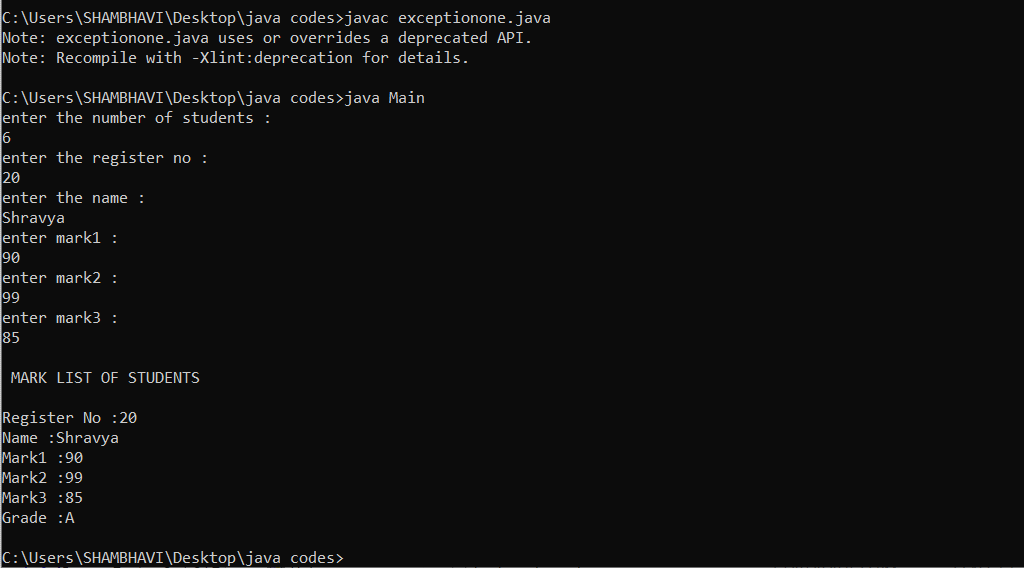
***}***

***for(int i=0;i<no;i++);***

***s.disp();***

***}***

***}***

***OUTPUT: ***