Develop a Java perogram ito mente a class exterior with member in name an interior eredite & un cereing marks. Include method to accept & display details & a method to calculate GOIPA e a student. public class attudent & aturna unnamit private inter enexitation, 1, 3, 3, 9, 1, 1, 13; authir attractor () 18 184 (BO17")

this name = "ladytyn"; public double was (int (?) ann) ()

double marks = 0, 49 pa = 0;

for (i=0) i < ann. democh ; (++) (

marks = (en edit()) * (eint) ann/10 + 1)); ugga = marks/20; NOW THE REST OF THE eneturn Dapas and the many bearing graphic distribution with import java, util deanneys audit class students atting wans strung name; int 1=01 private state inter meditify, 4, 8, 8, 8, 1, 1, 1, 1) deanner in = new deannerlaysterner; public void first ()[elystem seet suinten ("Enter your USN. uin: inmittel: System out suint ("Enter name: "); name = in next();

```
public idouble meetint() and)?
                                         double isgpa=0, maries;
       forli=0; icavilength; i++){
                                                         if (wui(i) >= 100) {
                                                                          rasuci] = werci]-10;
                                                           else if Court (i) < 40){
                                                                           raducti) = 0;
                                                       marks + = viedit(i) * ((avici)/10)+1
                                             mosgpa=marts/20;
                                             oration agpa;
                      public void display (double mesult) ?
                                       dystem out, iprintiln ("& Or PA: " + result)
  2 (1 million (Los) & ( Philoson) & Active on
Public class Maint
  import java util deanner;
 public class Main !
                   public static void main ( string [] aras) {
                                         Scanney in = new scanney (dystem.)
                                           int [] aux = new int [8];
                                           student si = new student;
                                       al. first();
dystem, out printly ("Enter marks
                        forcint 1=0; 128; 1+1){
                                                             auci): in.nextInt();
                                             1 struck (alun);
         stouble result = 121. res (aux);
                                            & s1. display (nesult);
                                                                 HOLLENGER TO THE POPULATION OF THE PARTY OF
```

Algorithm: Start: Start Step: Start Step 2: Initialize variable variet, marks, Step 8 - Calling class student un which calling function furt();

Step 4 - Input; "Enter us n" + us n det ep 5 = Input: "Enter name" + name At ep 6 : Perint " Enter marks" atep 7: Rear for (1:0; ice; 111) f Octops: Read arriay medits as 24,4,3,3,3,1,1,13 at ep 9 = forli=0; ic were denoth; 1+1)& 4 (LOSOT(1) >=100)} 2 aux(i) = aux(i) -10; the if (auci) (40) { 2 ASURCIT = 0; marks + = wedit(i) * (toursci)/10)+1) estipio: 29 pa: marks 120 atep 11 = Perind "BUPA = "+ 29pa Step 12: Step () () | bill by billy autout: enter your usn: 1822(5017 Enter name: Aditya. Enter marker with the 90 93 84 87 83 90 96 100 SHPA: 9.55 1629/12/23

D:\java>javac B.java

D:\java>java B

Name: Aditya Dinesh Netrakar

USN: 1BM22CS017

Enter your usn: 1BM22CS017 Enter your name: Aditya Enter the total marks:

90 93 84 87 83 90 96 100

SGPA: 9.55

D:\java>