Week 4 import java util Scanner; class student breivate Streing Usn; brigate string sname; primate double sgpa; brinate int []c. private let [] marks; private int size = 5; void accept Details () Scanner SI = new Scanner (System in) System. out. prientlin ("Enter the USN") usn = SI. next(); System. out. println ("Enter the mome") sname = sinext(); C= new int [size]; marks = new int [size]; for (int i=0; i< sex; i++) System, out, printles ("Enter the create C[i] = SI. next Int(). marks[i] = SI. next Int(). Void calculate () jor (int i=0, deno=0, gradep=0, for (int i=0, i < size; itt) if (marks [i]) = 90) else y (marks [i] >=80) gradeP=9; else if [marks[i]>=70) grade P = 8; else if [marks[i] > = 60) gradep=+; else if [marks [i]) = 50 grader=5; else of [marks [i] >= 40 gradep= 4; e if [marks[i]) = 40 -andobok (Si7.

deno += CS13; Sapa = num/deno; System out. printle ("Stendent Sapa is "+ sapa); Void puint Details System. out. print In ("Student Details"); System. out. println ("Student USN:"+usn); System out printles ("Student hame;" + Sname). for (int i=0; 12 size; i++) System.oute print In ("Gredit is:"+(Ei)). System out point by Marks of subject"+i+" "+ marks[i]). Class Student Main

ir static roid main (String args) Student SI= hew Student (). S1, accept Details (); SI, point Details(); SI, alculation; ALGORITHM Step 1: Oreate a method. with name Student under class containing usn, sname, sapa, array of credits and marks. A function accept Details accepts the usn, name, oredits and marks of a student Step 2. calculate takes gradefoints to the marks by if else if A function for according Step3: Thousand . num/deno. Sapa 2

Step9:	A function print details) which user
3th 5	Under main class, for declar method and care the functions for execution
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