19/12/23 as-2 It Develop a Java program to create a class Student with members us, name, on array credits and an array marks. Include a motered to calculate SGPA of a student. impout java. wiel. 4; clas subject f int subject Marks; unt grades class student? Stung name; Steing eisn; double SGPA; Scanner 2; Subject [] Subjects; Student () [ Miles of the state : subjects = new Subject [8]; for (i=0; (<8; (+4) } S=rew Scanner (System.in); void getStudent Details()[ System out prentin (& "Enter student -Ris name = sinext (); System. out . frintln (" Enter USN:"); this usn = s. next(); Complete to delle

Date EFFIP getMants () }

( Sut i=0; i (=8; i+t) {

D System. out pruth ("Euler details

for subject + (i+1)); word getMants () } System out printen ("Enter warks");

Subjects [i]. Subject Marks = S. next July

System. out-printen ("Enter credito: Subjects [i]. credits = S. nord Int (); if (Subjects [i] credits subject Mark enbjects[i]. grade=10; elseif (susjects [?] : Susject Marks 7=80 subjects[i]. grade=9; elseif (subjects[i] subject Marks subjects[i]. grade= 8; elser (cusières [i]. ensière Martes 7=60) subjects[i]. grade=t; elseif (subject [i]-subjectMarke7=50) [
subjects [i]-grade=6; elseif (ensject [?] - subject Marks >=40]

ensjects [?] - grade = 5, y

else ? else ? ensject [i]. grade = 0; ]

TESPO KEMBA compute SGPA(){ double total Credits=0; double meighted sum = 0; or ( int ?= 6; ? (= 8; ?+4) { total Credits += subjects [i], credits meightedsum t= embjects[i] grade \* subjects[i]. creditis] SGPA = weighted Sum / total credits; void display Result () { , student details"); System. out. pointle ("Name:"+ name); System out printer ("USN:"+ usn); Système out printer ("SGPA: "-FSGPA); dibléc class Main [ public static rold main (String [] args); Student S1 = new Student (); \$1. get Student Details (); SI. getMarks (); St. compute SGPA(); S1. displayfesults ();

Seta Micha SBM22 (5250 output: Enter student name: Aayra Onler student usn: 1BM22 CS250 for subject 1 details Orler 98 Onter marks: 4 Orler credits: Orler marks: Onler credits 3 91 Orter marks: Enler credits: Culer marks: 87 Enler credits: Culer marks: anter creats: 2 Enter marks: 87 Enter credits: 3 Enlex marks: 93 Center Credits: 3 enter marks: 89 Cular credits: 3 Enter marks: 76 Enter credits: 3 Student details Name: 1: M2 U 18M22C8250 SGPA: 9.185185