19/12/23 On: Develop a Java program to create a class 3 hedert with members us, name, an array credits of an array marks. In dude methods to accept & display details and a method to calculate 307PA of a Student. El (course oredits) (breade points) 2 [(Course oudits)] 19/12/23 27 Main java -> imposet java. util. #; class Bubject ? int submarks; int credits; int grade; class Student & Subject subject[]; nami;

subject = new Bubject [9]; 109 (i=0; i29; i++) 5 = new 3 cannor (System in); void get student details() System; out printh ("Enter name & USN"); Wis nouve = S. next Line (); Mis. USIV = 3. next Line(); get marks () (1=0;118;1+4) System. out. println ("Enter the marks of"

(i+1) + "Subject");

subject [i]. submarks = s, next Int();

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subject [i] . vuedists = 5, next Int();

subject [i] . grade = (subject [i] . sub marks /10)+1;

if (subject [i] . grade > 10) {

subject . [i] . grade = 10;
            if (Bubject [i]. grade 24) {
Bubject [i]. grade =0;
void compate 561PA () {
        int total oridits = 0;
       int 3um =0:
             (int 1=0; 128; 17+1) L
              sum = sum + subject [i]. grade x subject [i]. credits;
            total oredits = total oredits + subject (i) oredits;
         this, 56nPA = (double). Sum / total credits;
public class Main?
       public Static void main (3thing args [7)
             Steedent 31 = new Student ();
31. get Bludent details ();
              System.out. mint/n ("Name:" + 5%. name
             Bysten, out-printin-("USN:"+5
```

System, out, pointln ("561PA;" +51,561PA); -> Output: Enter name and win 1BM 22C5 2590 marks Enter Oredits Enter marks Enter Credits marks Redits enter marks marks marks Oudits Enter marks Enter Credits Enter Enter USN: 1BM22 65259