**Pseudocode**

Import Scanner;  
Begin class Outer{  
 Declare a static variable ‘input’ as a Scanner  
 Begin main method{  
 Declare an array of pointsCalculator objects called student  
 Declare int variables ‘i’ and ‘total’  
 Begin for loop (i=0; i<6; i++){  
 Set student[i] as a new pointsCalculator()  
 Prompt the user for subject (i+1)  
 Send the users input to the setSubject method in the object  
 Prompt the user for result (i+1)  
 Send the users input to validateResults then to setResult  
 set total = total + getPoints from the object   
 }//End for loop  
 Print the total points the user achieved to the screen  
 }//End main method  
 Begin validateResults method(String resultstr){  
 while (resultstr contains non digits){  
 Print an error to the user  
 Prompt the user for a new input  
 Set the users input to resultstr  
 }//End while loop  
 Return a parsed resultstr so that it is an int  
 }//End validateResult method  
 Begin static class pointsCalculator{  
 Declare private String subject and int result  
 Begin empty constructor{  
  
 }//End empty constructor  
 Begin constructor(String subject, int result){  
 Set private String subject to subject taken in  
 Set private int result to result taken in if it is between 0 and 100  
 }//End constructor  
 Begin setSubject method (String subject){  
 Set private String subject to subject taken in  
 }//End setSubject method  
 Begin getSubject method{  
 Return private String subject  
 }//End getSubject method  
 Begin setResult method (int result){  
 Set private int result to result taken in if it is between 0 and 100  
 }//End setResult method  
 Begin getResult method{  
 Return private int result  
 }//End getResult method  
 Begin Display method{  
 Print result and value of result. Print subject and value of subject  
 }//End Display method  
 Begin getPoints method{  
 Declare int points  
 if result <= 90 set points to 100  
 else if result <= 80 set points to 88  
 else if result <= 70 set points to 77  
 else if result <= 60 set points to 66  
 else if result <= 50 set points to 56  
 else if result <= 40 set points to 46  
 else if result <= 30 set points to 36  
 else set points to 0  
 return points  
 }//EndgetPoints method  
 }//End class pointsCalculator  
}//End class outer