Module 1 : Java Essentials

Assignment

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Version 1.0

Assignment

Scenario 1

Mr. Thomas is a school teacher. He conducted the final examination in his school.

The examination was held for the following subjects

- Mathematics
- English
- Science
- Social Science

However, he is finding it very difficult to calculate the percentage of each student manually and then providing them the corresponding performance grades.

He requires an automated system, in which he only has to enter the marks for the above listed subjects and the system displays the performance grade of the student based on their percentage obtained in the examination.

Data

Performance Grade Chart	
Below 40 %	Poor
40 – 59 %	Average
60 – 79 %	Good
80 – 89 %	Very Good
90% and Above	Excellent

Problem Statement

Using the above performance grade chart write a program to calculate the student's percentage and determine his/her performance grade based upon the percentage obtained in the examination.

Scenario 2

Michael and Bruce are Businessmen. They both bid for a property. The one who bids a lesser price will lose the property. Due to huge competition, they don't trust any manual calculations. So, they need a system, to know who will win the property.

Problem Statement
Write a programme to help Michael and Bruce.