

QUIZ 2

BASIC PROGRAMMING PRACTICUM

The table below shows scores data of several IT 1Z class students in the mathematics course

	Tugas	Kuis 1	Kuis 2	UTS	UAS
Rina	76	75	78	87	65
Mia	90	82	45	65	77
Ronny	65	56	99	55	83
Fajri	23	88	35	55	92
Risa	56	45	78	78	73
Fatih	88	90	90	65	60

Mrs. Rina is a lecturer in Mathematics. Mrs. Rina needs a calculation formula to find out the final grade of a student in the form of a letter. The calculation formula is based on the following provisions:

Task Score = 30%

Quiz Score = 20%

Midterm Score = 25%

Finalexam Score = 25%

The table below shows the terms for converting score from numeric into letter as follows:

Score Range	Letter Score
81-100	A
61-80	B
41-60	C
21-40	D
0-20	E

Exam Questions:

1. Make a program in JAVA to help Mrs. Rina's needs, and the program is dynamic and can be used by lecturers in other courses.
2. Specifically for question no. 2, it is carried out based on the serial number of student absences:
 - a. Students with even absent serial numbers: Add a program line to display the highest scorers in mathematics courses
 - b. Students with odd number of absences: Add a program line to display the lowest scorers in mathematics courses