1. **import** java.util.Scanner;
3. **public** **class** latihan {
5. **public** **static** **void** main(String[] args) {
7. //  System.out.println("+--------+--------+--------+--------+-------+--------+");
8. //  System.out.println("|  NRP   | Tugas  |  UTS   |  UAS   |Nilai\_A|  Grade |");
9. //  System.out.println("+--------+--------+--------+--------+-------+--------+");
11. **do** {
12. {
14. Scanner sc = **new** Scanner(System.in);
16. System.out.println("+----------+--------+--------+--------+");
17. System.out.println("|  NRP     | Tugas  |  UTS   |  UAS   |");
18. System.out.println("+----------+--------+--------+--------+");
19. System.out.print("|");
20. **int** NRP = sc.nextInt();
21. **int** TUGAS = sc.nextInt();
22. **int** UTS = sc.nextInt();
23. **int** UAS = sc.nextInt();
24. System.out.println("+----------+--------+--------+--------+");


28. **double** na;
29. **char** grade;
30. String context;
32. na = TUGAS\*0.1 + UTS\*0.3 + UAS\*0.6;
34. **if** (na >= 80 && na <= 100) {
35. grade = 'A';
36. **if** (na == 100) {
37. context = "SEMPURNA";
38. } **else** {
39. context = "LULUS";
40. }
41. } **else** **if** (na >= 70) {
42. grade = 'B';
43. context = "LULUS";
44. } **else** **if** (na >= 56) {
45. grade = 'C';
46. context = "LULUS";
47. } **else** **if** (na >= 44) {
48. grade = 'D';
49. context = "GAGAL";
50. } **else** {
51. grade = 'E';
52. context = "PARAH";
53. }

56. System.out.println("+----------+--------+--------+--------+-------+--------+----------+");
57. System.out.println("|  NRP     | Tugas  |  UTS   |  UAS   |Nilai\_A|  Grade |  Context |");
58. System.out.println("+----------+--------+--------+--------+-------+--------+----------+");
59. System.out.println("|"+ NRP  +" |  "+TUGAS+"    |   "+UTS+"   |   "+UAS+"   |  "+na+" |   "+grade+"    |    "+context+" |");
60. System.out.println("+----------+--------+--------+--------+-------+--------+----------+");

63. System.out.println("---------------------------------------");
65. System.out.print("Ulang program ? (y/n) : ");
66. **int** jawab = sc.nextInt();
68. }
69. } **while** (jawab != 1000);

72. }
74. }