Paper Source
Subject.....
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1(a) Here, I took input from 'input1a.txt' in a variable. took the first line as n and used it to iterate others. If the integer of a line is divisible by two and there is no remainder it will print in the file if its even or odd. And finally closed the file to save.

1(b) Here we again took the first line for range n. and after splitting the numbers and operations we can find the operators and operate them on the numbers by turning them into integers. and finally printing them into the file and closing it.

2 Here we changed the code to make the time complexity for the best case scenario to O(n). I changed the stopping condition a bit so whenever there are no shifting it will stop. It makes the code stop at the first case if there is no change in first iteration (best case scenario).

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③ Here I stored the id's and names in two variables. And took n as range.
And as we sort the marks we introduce a condition that will still swap if both are same and will sort regarding ID.
And print in file regarding/following convention of expected answer.

④ Here we took the fist line as range and seperated train, departure and time stored in different variables in a list like ②.
And when sorting, I sorted all 3 at onee based on priority one after another if similarity is found. I used minutes ~~seconds~~ to evaluate time, and used alphabetical ord values to find the values of the names and sort them.
And also implemented the stop method so its efficient. And stored the previous train order in a temporary variable so when even the time is same, I can sort them according to which one came first..