Task la explanation

- first, an input file was taken which is then read.

 Using the renderness! , we make an list and stoned in variable.

 We read a loop over it, checking shipping the
 - first line of the text file, checking whether the input after it is odd on even.
- Each output is appointed to a list.
- We write on the output text file by numing a wop through the list.

Task 16 explanation

- An input file taken with inputs written on it already provided, it is then read.
- Readlines () method used to sto make a list.
- We run a Loop through it, show skipping the first line, second line is read, we convert the numbers from strong to inleger, there up that rate connect operation taken to evaluate the value of the two operants which is then appealed to a list.

- We write In the output file by wentimed.

Tash 2

- Bubble sont algorithm used to sont the numbers in ascending order.
- Flag used in between the coops and set it as False.
 - They, the & two numbers are compared, and necessary swapping takes place, setting the flag to True.
 - when the array is sorted, flog will be always be false.
 - 98 flag value remains false, then the wop breaks.
 - The output is then write on the output file

Tank 3

- Input file taken
- Aselection sort algorithm med to sort the manks in descending order.
 - When the marks are placed at it's correct position, i'd is also dranged to the changed position.
 - A loop is run over the sorted number list, when the marks are the same, their ite are compared, the it with the same value are placed first then the same value are placed first then the id with the low value.
 - We noise on the output Rile

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Twk 4

- We take an input file which is read.
- Three list initialized to stone the each line, train names & time of departure
- loop is run through and each line storced which is then append to a variable, train name à time taken while we split the live variable.
- Bubble algorithm used to compare between train names in a to nointain lexicographic order ressif the train name Remains the same, than time is compared ed, when t time priordized. However, time an also Le tied which can be arranged in a way that the time which comes finst in the rupul like villbe priorbitel.
- Then, we write on the output file.