## Task 1

- an army

  a) The code here reads integers from the file provided,

  and then seperates the army into individual integers

  according to like. It then goes through this set

  at integers one by are, determining it is even

  ar odd along the way, writing the arme in

  the output file.
- 5) The code here ready each like from the input file, and then seperates cook it divided like by the spaces between each void, appealing and integers, often which they are often which their week to solve the onth metric appealing specifical, with the answer topic of the order of the analystical.

## Tusk 2

The code here is a bubble sort algorithm used to Sort algorithms provided in the second like of the provided tent files. The surply proven is done through a loop, which is kept going up the 'So,' (und from, with the lear breakly are there is nothing left to Dit.

This code has two duchus, wife the conduct the bay the man Hey to some the test of hand.

The 'aludo diabin' durction takes on input title and the length of the data stones in the file and extraor two separated strings from the file, conserved all one marks, before combining them only on the first of the man by the markent' foretim, which sixts better duch bossed in the list bured an marker in deserting order by companing the course this in the loop with the one to its left.

Toyk 4

This cude uses the insertion sorting method to sort the Being duta provided in the input of the board on continuous extentes using a large like name, destination and time. The extracted duto is the surted thist in a leniographial and conder the the latest departure time based or a constant privity boss.

The porting is then performed within a while lup, company the data in the current lup to the one on its left, surting until the current arrangement is found.