Consider six memory partitions of size 50 K, 100 K, 90 K, 200 K, 50 K and

250 K. These partitions need to be allocated to four processes of sizes 90 K, 20K, 50 K and 10 K in that order.

Write a program that implements ***first fit algorithm***. Show the resultant

placement of processes for the above data set. Take the data set as user input or in a file. Your program should work for any data set.