Questions for programming contest
Week 1

Question 1:

Title : Gene Coding

You will be given a set of tuples of the form {{A,B,10} , {D,H,4} ,... }, each tuple will contain two charecters and the distance between them. It is not necessary that the letters are arranged lexically. Your objective is to give the sequence of the charecters based on the distance between them. The distance between any two charecters will be unique.

Here is an example for you:

Input = { {A,B,3} , {C,B,2} }

Output = A,C,B

Question 2

Title : We need Formatting !!! :P

Given a piece of typed text and the size of the margins, your objective is to format the text in such a way that the first and the last word in each line begin at the beginning and end at the ending of the left and right margins respectively. Another constraint is that inter word space must be nearly the same.

Remember! you must not place hyphen or break any word.

If you are confused ... Which many of you will be... :P

Here is an example...

Input = Forensic science is the scientific method of gathering and examining information about the past which is then used in a court of law.[1] The word forensic comes from the Latin fornsis, meaning "of or before the forum."[2] In Roman times, a criminal charge meant presenting the case before a group of public individuals in the forum.

Output =

Forensic science is the scientific method of gathering and examining information about the past which is then used in a court of law.[1] The word forensic comes from the Latin fornsis, meaning "of or before the forum."[2] In Roman times, a criminal charge meant presenting the case before a group of public individuals in the forum.

Question 3

Title : Let's Copy

Make a copy of a file using only fileIO.