1. Suppose you are assigned a class C network 200.138.10.0 with subnet mask 255.255.255.240.

   1.) How many maximum of subnets could be created.

   2.) What is the maximum number of hosts in each subnet?

   3.) Write down the usable host address range for each of the first three subnets.

   4.) Identify the broadcast address of each of the first three sub networks.

2. Compare and contrast first and third generation computer programming languages. (Three comparisons are enough)