CS5248 Systems Support for Continuous Media
Quiz 1

Answer ALL questions in the space provided. Please state your assumptions (if any) clearly.

1. Some compression/decompression algorithms (codecs) are referred to as "asymmetric" while others are referred to as "symmetric."

   (a) What does it mean for a codec to be asymmetric?

   (b) Give an example of an asymmetric codec.

   (c) Describe which part of the algorithm that you chose for answer (b) contributes the most to its asymmetry and why?

   (d) Describe for what types of applications a system designer should choose a symmetric codec.

END OF PAPER