1. [5] Make a small web search and form a table as follows (columns from left to right):
   - GPU model (to reduce the search time, concentrate on Nvidia GeForce GT/GTX GPUs)
   - The amount of memory in GB. If there are several versions of the same model, pick the bigger memory.
   - Total number of cores (aka SP or unified shader) on all SMs (newer versions called SMX)
   - Memory bandwidth (from the GPU to the graphics DRAM) in GB/s. Again, if there are several versions of the same model, pick the highest bandwidth you can find for that model.
   - The launch year

To get full credit for this question, make sure that you satisfy the following:
   - The table must cite 10 GPUs
   - Spanning years 2011 to 2015
   - 2 GPUs per each year of the above

2. [2] Based on the information you gathered in question 1:
   - What do you think is the bottleneck of performance now (computational power, memory size, or memory bandwidth)?
   - Given the trend shown in the curve, what the bottleneck is expected to be in the near future?

3. [5] Provide a bulleted list of 5 applications that GPUs can be used in (e.g. computational finance, etc) and specify why.

4. [5] Provide a bulleted list of 5 applications that GPUs CANNOT be used in; also specify why.

5. [3] Based on your answers in questions 3 and 4 above, what are the characteristics that need to exist for a GPU-friendly application?