Group A:

a) Classify the two coupling modes among processors.
b) Demonstrate how adding more processing resources affects the completion time of a task.
c) Summarize the key computational details of the global weather forecasting example discussed in the lecture.

Group B:

a) Differentiate homogeneous and heterogeneous systems in parallel computing.
b) Differentiate parallel processing and distributed computing in terms of processor coupling.
c) Discuss why modeling the motion of astronomical bodies requires parallel processing.

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