1. Some programming languages are typeless. What are a few of the obvious advantages and disadvantages of having no types in a language. Keep your answer to 1 paragraph or less.

2. Dynamic type binding is closely related to implicit heap-dynamic variables. Explain this relationship. Keep your answer to 1 paragraph or less.

3. What significant justification is there for the -> operator in C and C++?

4. What are the arguments for and against Java’s implicit heap storage recovery, when compared with the explicit heap storage recovery required in C++? Consider real-time systems.