Chapter 5: Run-Time Environment

1. Explain heap allocation strategy with example.
2. Explain storage optimization with the help of subdivision of runtime memory and activation record.
3. Explain dynamic storage allocation.
4. Explain activation trees and activation record with example.
5. Explain stack and heap storage allocation strategies.
6. Write short note on Call by name.
7. Explain stack and static allocation strategies with example.
8. Write short note on activation record.
9. Explain stack and heap allocation strategies with example.
10. Write short note on activation tree.
11. Write short note on Call by reference .
12. Explain the following source language issues
    a. Activation tree
    b. Control stack
13. What is heap allocation strategy? Explain how dangling reference problem is removed by it.
14. Compare call-by-reference and copy-restore parameter parsing methods with example.
15. List storage allocation strategies. Explain any one in detail.