OOP244 Quiz 2 question bank:

What are the two main categories of fundamental types?

1. Name the smallest integer type:
2. Is A is an integer value that contains 25. What is the output of the following:  
   cout << !!A;
3. What is Compound type?
4. What is a scope?
5. What is Shadowing?
6. What is a Reference?
7. If there is an integer called “X”, Write the code to create a reference to this integer (X) called R;
8. Which of the above four aspects (4,5,6,7) should be grouped to for an Object Oriented design?
9. What is the difference between dynamic and non-dynamic (static) memory with respect to life time?
10. Having a type called “Employee”, Write the code to create an instance (instantiate) of an Employee.
11. Delete the dynamic Employee created in question 11.
12. What is memory leak.