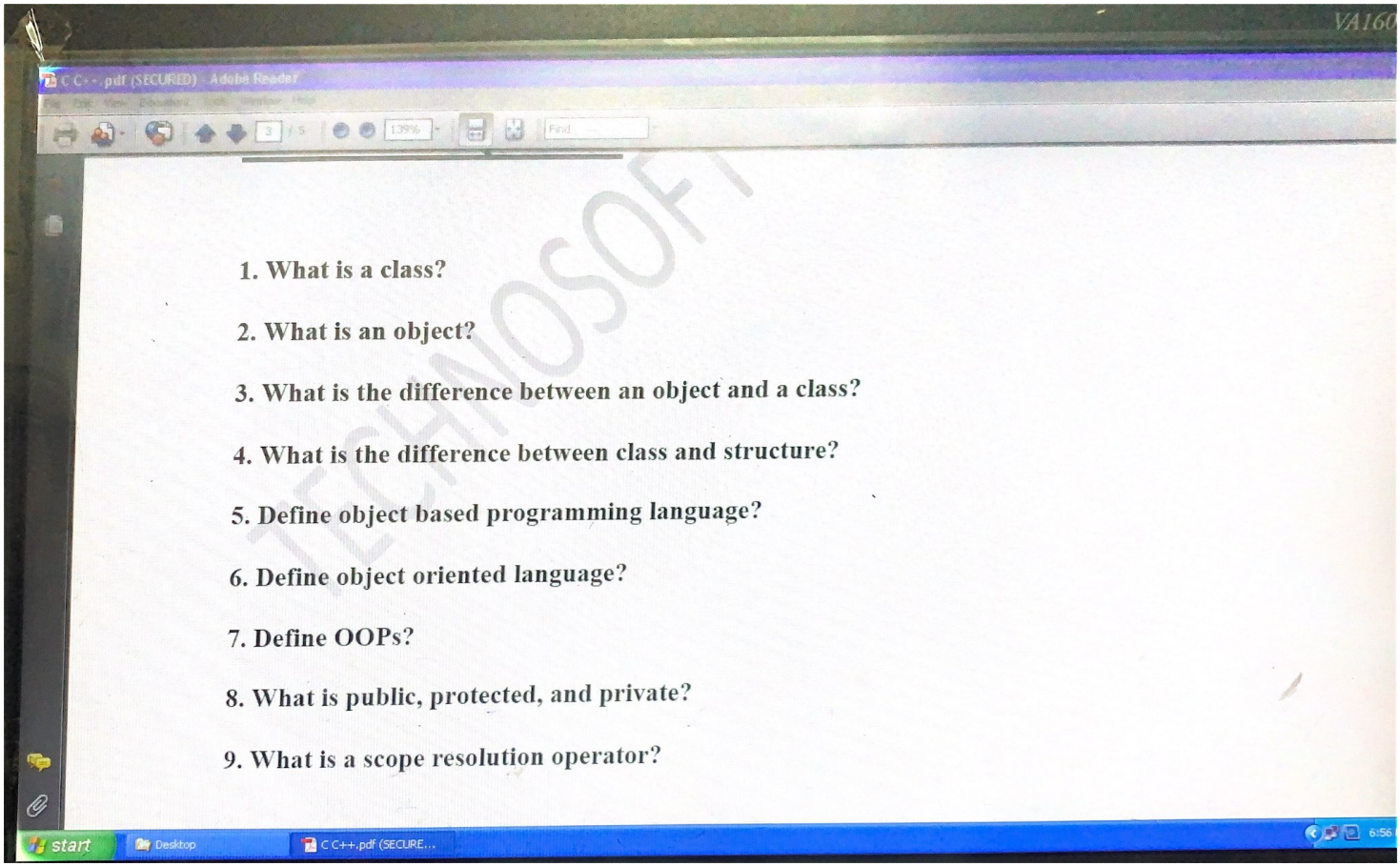


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1. What is a class?
  2. What is an object?
  3. What is the difference between an object and a class?
  4. What is the difference between class and structure?
  5. Define object based programming language?
  6. Define object oriented language?
  7. Define OOPs?
  8. What is public, protected, and private?
  9. What is a scope resolution operator?

10. What do you mean by inheritance?

11. What is abstraction?

12. What is encapsulation?

13. How variable declaration in c++ differs that in c?

14. Difference Between virtual & pure virtual functions

15. What do you mean by reference variable in c++?

16. What do you mean by implicit conversion?

17. What is the difference between method overloading and method overriding?

18. What are the defining traits of an object-oriented language?

19. What is polymorphism?

20. What do you mean by inline function?



21. What is a template?
22. Differentiate between a template class and class template?
23. What is the difference between a copy constructor and an overloaded assignment operator?
24. What is a virtual destructor?
25. What is a container class? What are the types of container classes?
26. Name some pure object oriented languages?
27. Name the operators that cannot be overloaded?
28. What is a Null object?
29. Differentiate between the message and method?
30. How can we access protected and private members of a class?

31. What is virtual function?
32. What do you mean by early binding?
33. What do you mean by late binding?
34. What is the difference between declaration and definition?
35. What is the difference between c & c++?
36. Write a program that ask for user input from 5 to 9 then calculate the average
37. What is virtual class and friend class?
38. Why are arrays usually processed with for loop?
39. What are the principles of oops?
40. Difference between data abstraction & data hiding.
41. How do you differentiate between a constructor and destructor?



40. Difference between data abstraction & data hiding.

41. How do you differentiate between a constructor and destructor?

42. What are the differences between a struct and a class in C++?

43. What does it mean to declare a function or variable as static?

44. What is a scope resolution operator?

45. What is multiple inheritance?

46. What is operator overloading?

47. What is the difference between inner class and abstract class?

48. What is the size of an empty class?

49. Explain Friend functions & classes.