

1. Please describe the differences between Microsoft .NET Framework and Sun Java architecture with the following respects, 1) programming maintenance and management, 2) software and hardware compatibility, 3) executing performance. 4) object code portability (20%)
2. What is the naming space in Object Oriented Language? (10%) Please describe its hierarchical architecture with JAVA language. (10%)
3. Write one program with at least one inner class and describe the characteristics of the inner class (20%)
4. Please describe the differences between two mechanisms, inheritance and composition, give one example to show their differences (20%)
5. Try to explain what the method loading is and give one example to show its characteristics (20%)