

Dotnet Framework & C# (MCA-512)

1. What are the data types? write a program to implement data types?
2. Explain delegates? What is the difference between authentication and authorization?
3. What is type conversion? Give one example.
4. Describe operator overloading with an example?
5. What are Literals? explain ASP.net?
6. What is Dotnet Framework? Explain in detail.
7. Explain interfaces with example?
8. Explain about in detail:
 - a) CTS
 - b) CLS
9. Describe Framework base classes?
10. Write a Program in C# to check whether a no. is a Palindrome or not?
11. What do you mean by namespaces?
12. Describe the difference between following namespaces:-
 - (i) System.Globalization
 - (ii) System.Reflection
13. Explain about the origin of dotnet technology?
14. How can we identify that the Page is Post Back? Explain with example.
15. Explain the following with examples:
 - (i) Identifiers
 - (ii) object & class
16. Explain about Inheritance with example?
17. What is the difference between SQL notification and SQL invalidation?
18. What is the CLI? Is it the same as the CLR?
19. What operating systems does the .NET Framework run on?
20. What versions of .NET are there? Can you set which type of comparison you want to perform by the *CompareValidator* control?
21. Name tools which are used to develop .NET applications?
22. What is the CTS, and how does it relate to the CLS?
23. What is C#?. What are the advantages of the code-behind feature?
24. What is an assembly? How can we produce an assembly?
25. What is an application domain? What is IIS? Why is it used?
26. What is garbage collection and how it works ?
27. What are attributes? Write a Program in C# for addition of array elements?
28. Describe polymorphism with an example?
29. Does .NET replace COM? How do you sign out from forms authentication?
30. Is it true that objects don't always get destroyed immediately when the last reference goes away? If yes then explain.