C# CODING STANDARDS EXAM

(SET 4)

Instructions

1. The exam should be completed within 15 minutes.
2. The answer should not be more than 20 words.

Questions	Answers
As per our standards, should we use the "using" directive inside the namespace or outside	
As per our standards, what is the recommended way to handle authentication for a Web API	
How do you enforce the redirection from HTTP to HTTPS?	
To get the second from the last element from an array or a list we had to do arr[length - 2] where arr is the array and length is the length of the array. C# introduced a special character that can be used to fetch data from the end, what is the special character and what is this operator known as?	
Should you specify the datatype while variable declaration explicitly or is using "var" a good practice?	
As per our standards what is the best practice to handle long running tasks?	
How do we decide whether to use a try-catch block or try-finally block?	
What is an Out of Memory condition and what security ambiguity can it lead to?	
What are the required user permissions that a database user for an application should have while accessing database?	
What should we prefer, writing a function or writing a lambda expression if the expression or function is simple?	
What is the approach to validate inputs in a Model Class in C#?	
What considerations should be taken into account when using third-party components or libraries in a .NET application?	

What should have more preference, null check or type check?	
How can we prevent SQL Injection attacks?	
If a local function is declared inside a block, Which keyword should be used before declaring the function to ensure that no instance members are accidently added?	