Online Test Application
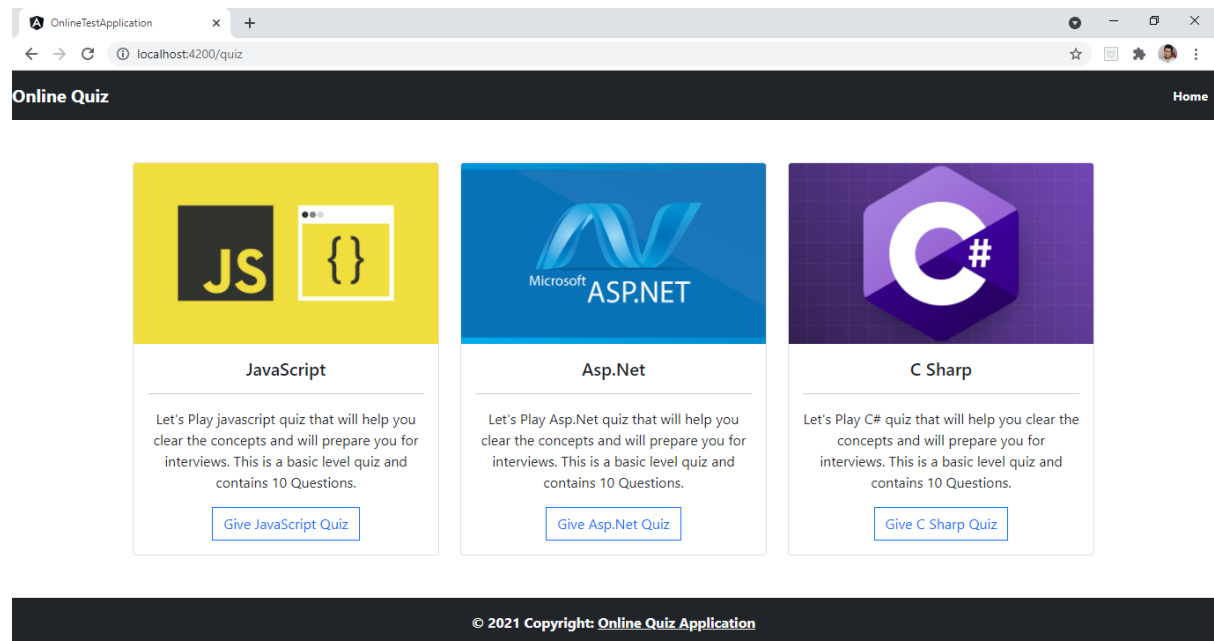
(Screenshot)
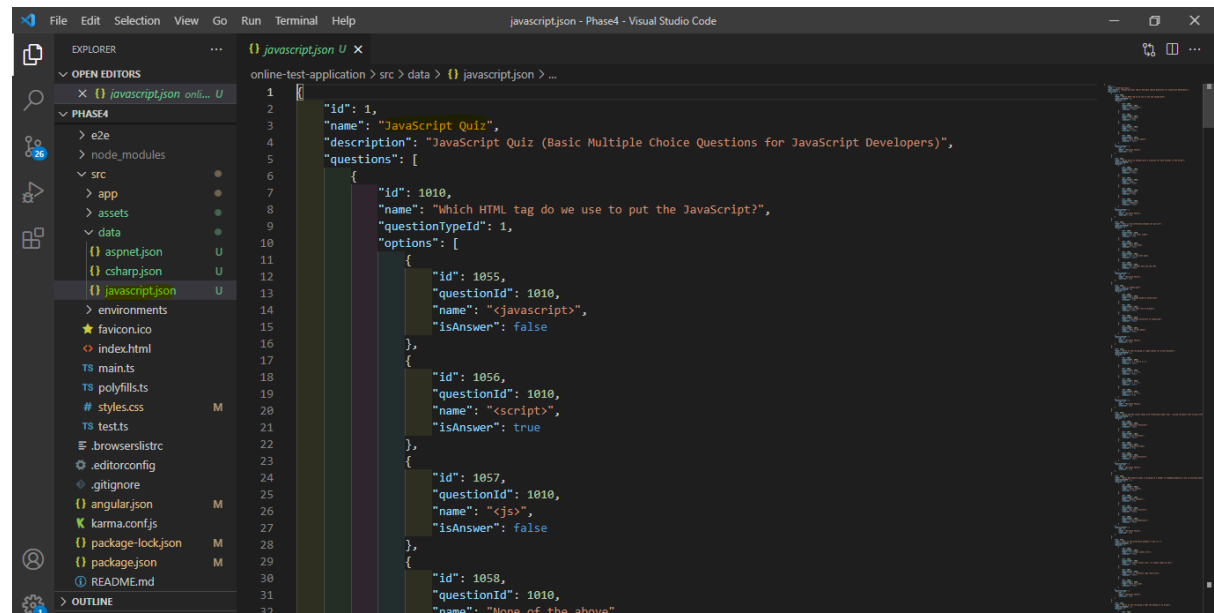
Version History:

Author	Sanjay Singh Rathod
Purpose	Project Screenshot
Date	24/06/2022
Version	1.0

Home Page Contains Quiz options user can take: (There are three quiz options now – Javascript, Asp.Net and C# (C Sharp))

The Quiz Names and Description are fetched dynamically using JSON data (Containing Questions and Answers) and Angular Framework.

1. **When User Selects JavaScript Quiz, they are redirected to JavaScript quiz page where they can see all the questions with their options rendered from JSON file.**

User also have the option to navigate through questions using navigation links (First, Last ,Prev and Next). There is also timer for quiz, after completion of allotted time the quiz submits automatically or User can submit their quiz before time using Submit Quiz button.
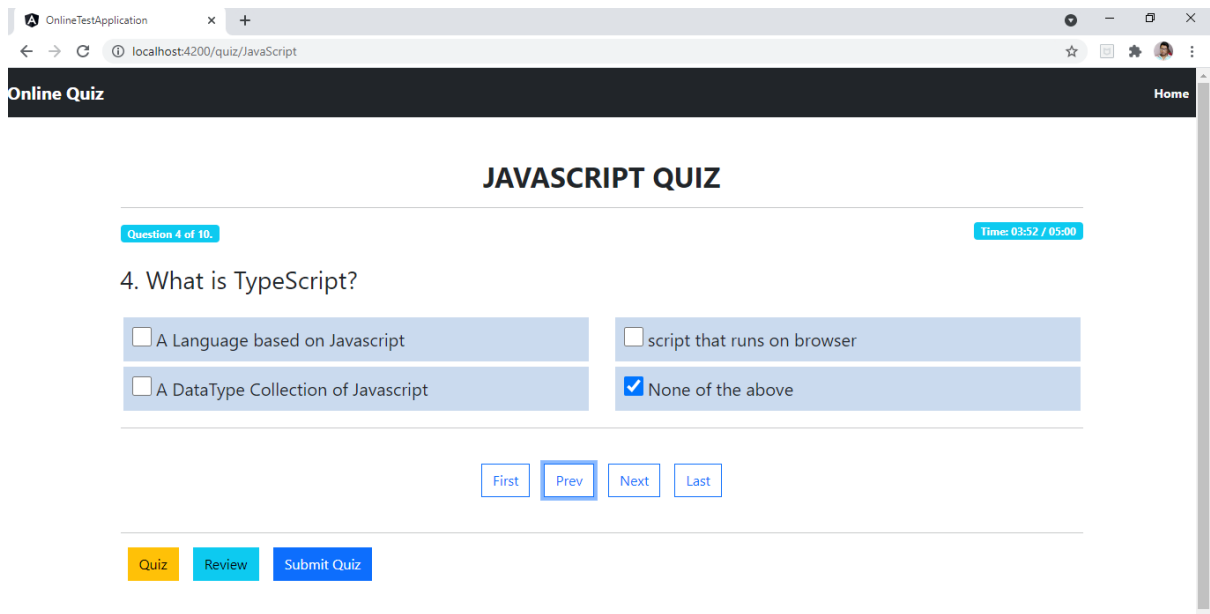
User can select an option for the question and move to next question by clicking next navigation button

Similarly, User can Answer all the questions asked

User can also navigate to last or First question directly from First and Last Nav Links

User can Review All the Answered and Not Answered Questions by Clicking on Review Nav Link.

Also user can go to specific question to answer by clicking on any of the Question Blocks.

Online Quiz   Home

JAVASCRIPT QUIZ

1. Answered	2. Answered	3. Answered
4. Answered	5. Not Answered	6. Not Answered
7. Not Answered	8. Not Answered	9. Not Answered
10. Answered		

Quiz   Review   Submit Quiz

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User wanted to answer the 5ᵗʰ Not Answered Question:

Online Quiz   Home

JAVASCRIPT QUIZ

Question 5 of 10.   Time: 01:25 / 05:00

5. Which of the following is right syntex for arrow function?

☐ a -> { return b; }	☐ x <= x + y;
☐ x <- x + 5;	☑ x => x + 5;

First   Prev   Next   Last

Quiz   Review   Submit Quiz
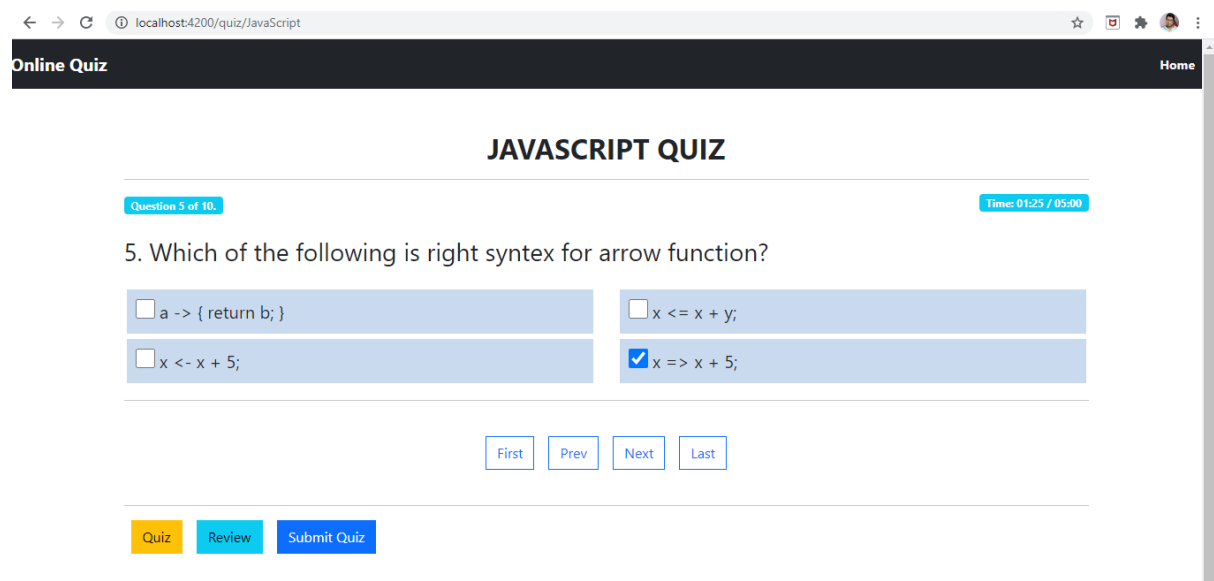
Now we can see the 5th Question is marked as Answered:
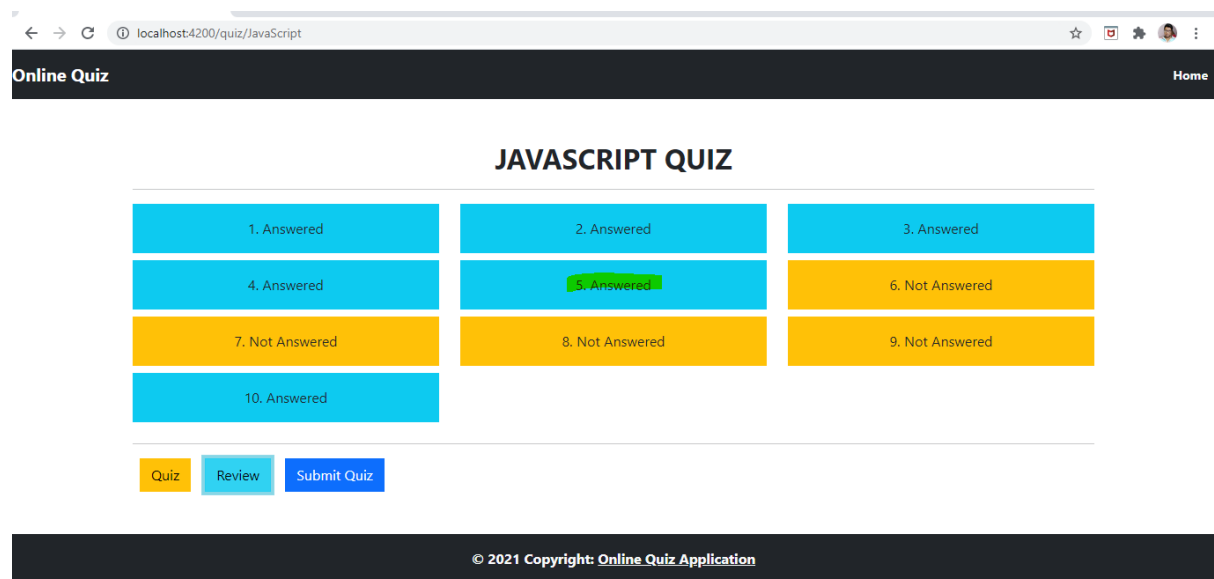
When The user clicks on Submit button,they can see their result along with Questions and Options they have selected:
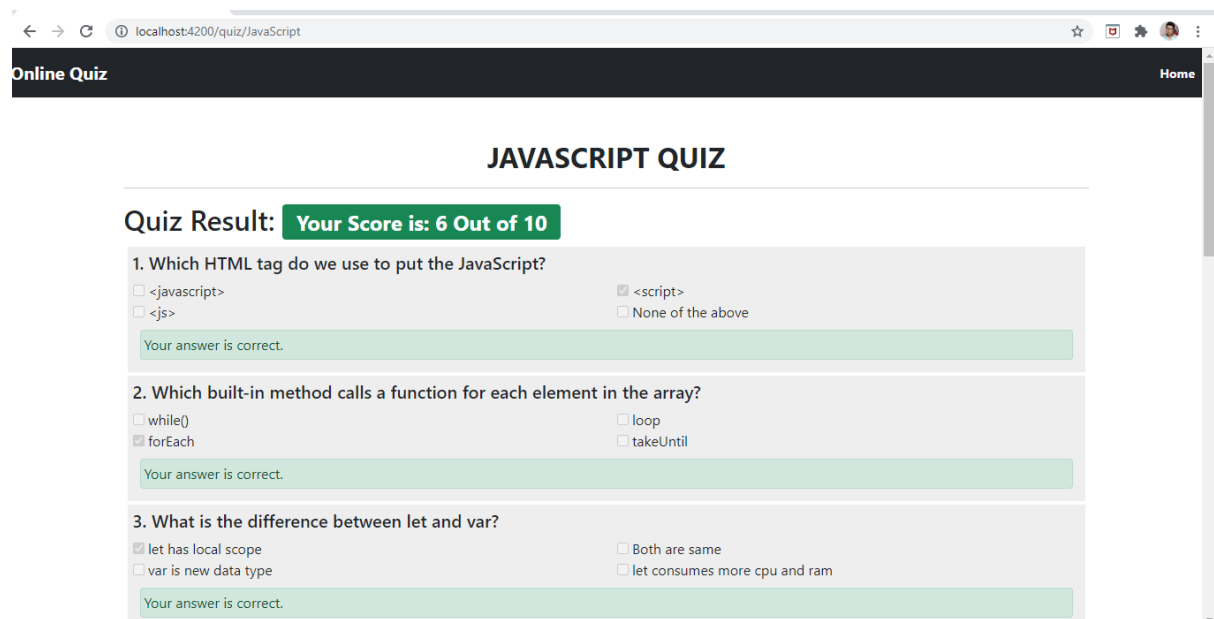
4. What is TypeScript?

- ☑ A Language based on Javascript
- ☐ A DataType Collection of Javascript
- ☐ script that runs on browser
- ☐ None of the above

Your answer is correct.

5. Which of the following is right syntax for arrow function?

- ☐ a -> { return b; }
- ☐ x <- x + 5;
- ☐ x <= x + y;
- ☑ x => x + 5;

Your answer is correct.

6. Which new ES6 syntax helps with formatting output text - mixing variables with string literals, for example.

- ☐ Generator Functions
- ☐ Template Strings
- ☐ Arrow Functions
- ☐ Set Data Structure

Your answer is wrong.

7. Which ES6 feature helps in merging of a number of changed properties into an existing object?

- ☐ Class syntex
- ☐ map data structure
- ☐ Object.assign()
- ☐ Array.includes(obj);

Your answer is wrong.

8. What is the difference between == and === ?

- ☐ === throws syntex error
- ☐ === is reference type check only
- ☐ == checks values only, === checks types as well
- ☐ Both are same

Your answer is wrong.

9. Which of the following is NOT the method of an Array?

- ☐ .map()
- ☐ .subscribe()
- ☐ .includes()
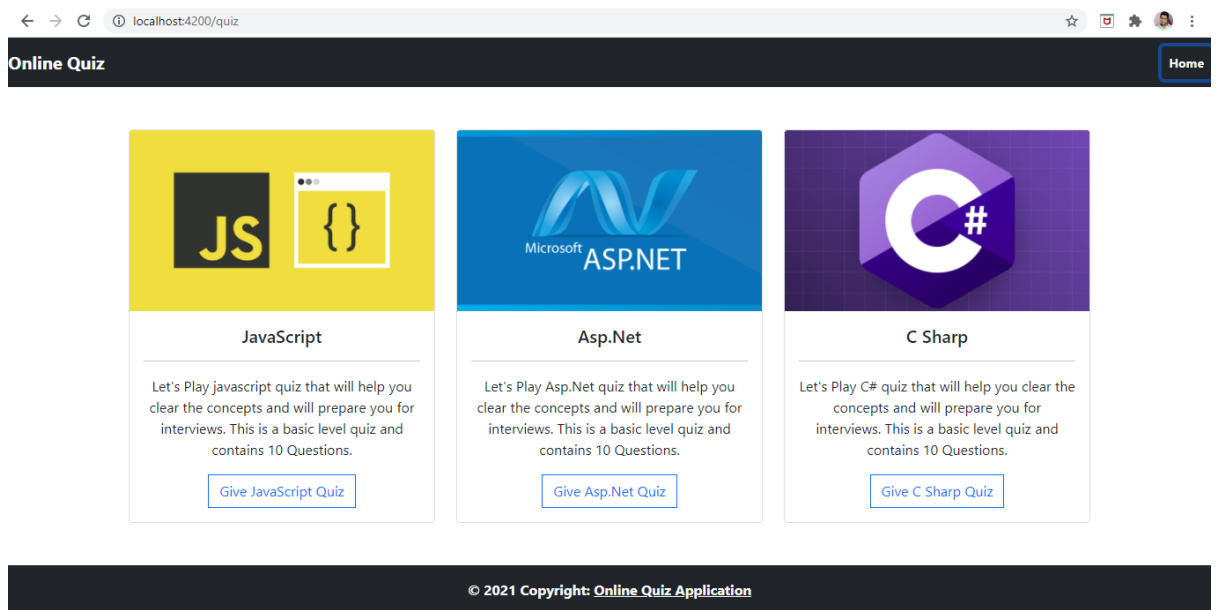- ☐ .flatMap()

Your answer is wrong.

10. What will be the output of the following code: ['a', 'b', 'c'].fill(7, 1, 2);?

- ☑ ['a', 7, 'c']
- ☐ ['a', 'b', 'c']
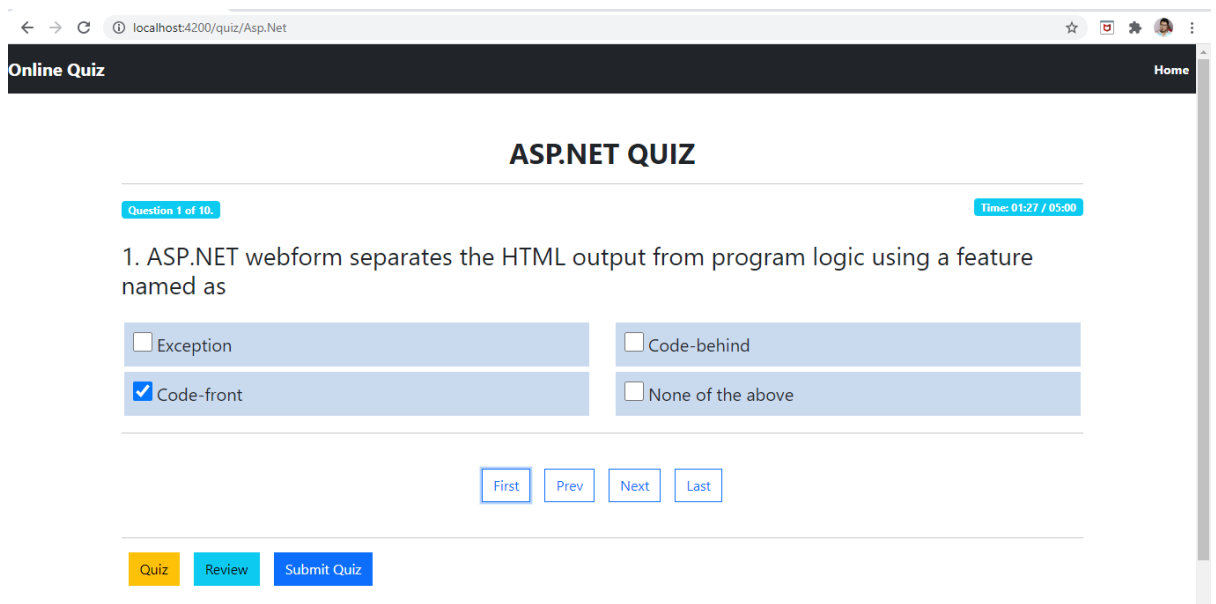- ☐ ['a', 7, 7, 'b', 'c']
- ☐ ['7', 7, 'c']

Your answer is correct.

You may close this window now.

2. User Selects to give Asp.Net Quiz

When User Selects Asp.Net Quiz, they are redirected to Asp.Net quiz page where they can see all the questions with their options rendered from JSON file.

User can select an option for the question and move to next question by clicking next navigation button

Similarly, User can Answer all the questions asked

ASP.NET QUIZ

Time: 02:58 / 05:00

10. Which of the following object is ideal for keeping data alive for a single request?

- ☐ HttpContext
- ☐ Session
- ☑ Cookies
- ☐ SqlServer

First   Prev   Next   Last

Quiz   Review   Submit Quiz

Similarly, User can Answer all the questions asked

ASP.NET QUIZ

Time: 02:25 / 05:00

4. What does MVC stand for?

- ☑ Model View Controller
- ☐ Maximum Virtual Control
- ☐ Microsoft Visual Core
- ☐ None of the above

First   Prev   Next   Last

Quiz   Review   Submit Quiz

User can also navigate to last or First question directly from First and Last Nav Links

User can Review All the Answered and Not Answered Questions by Clicking on Review Nav Link.

Also user can go to specific question to answer by clicking on any of the Question Blocks.

User wanted to answer the 9th Not Answered Question:

9ᵗʰ Question is Answered Now:

When The user clicks on Submit button, they can see their result along with Questions and Options they have selected:
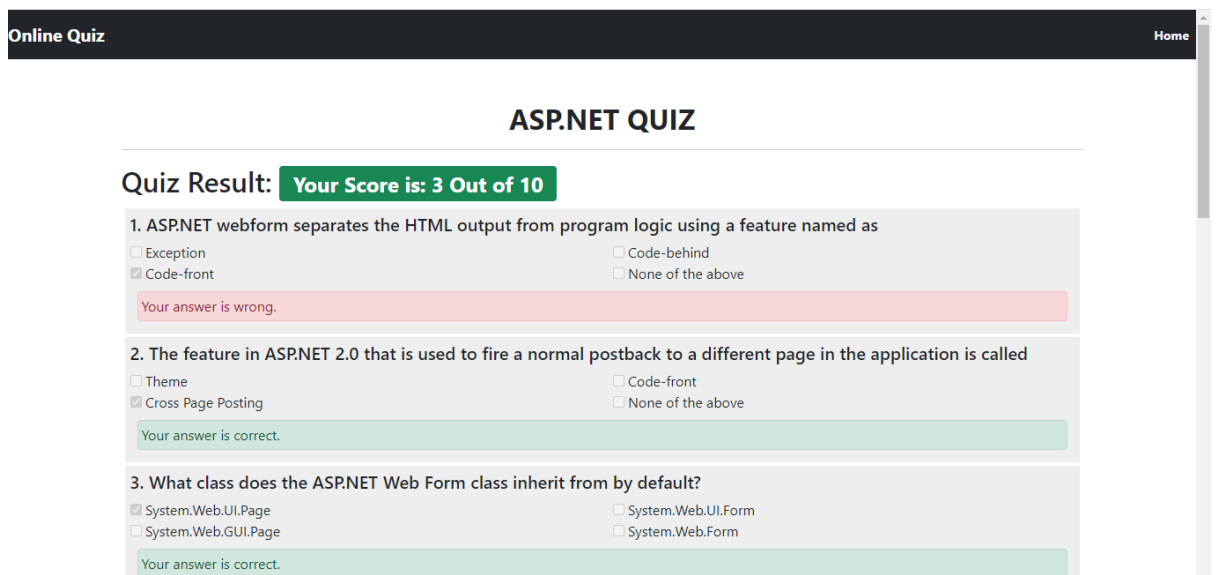
4. What does MVC stand for?

☑ Model View Controller   ☐ Maximum Virtual Control
☐ Microsoft Visual Core   ☐ None of the above

Your answer is correct.

5. Which of the following does NOT require type casting?

☐ Session   ☐ TempData
☐ ViewData   ☐ ViewBag

Your answer is wrong.

6. Which is the correct order of Page life-cycle in asp.net webform?

☐ Init, PreRender, Load   ☐ Load, PreRender, Init
☐ Init, Load, PreRender   ☐ None of the above

Your answer is wrong.

7. Which of these data source controls do not implement caching?

☐ ObjectDataSource   ☐ LinqDataSource
☐ SqlDataSource   ☐ XmlDataSource

Your answer is wrong.

7. Which of these data source controls do not implement caching?

☐ ObjectDataSource   ☐ LinqDataSource
☐ SqlDataSource   ☐ XmlDataSource

Your answer is wrong.

8. Which tag asp:Label control by default renders to?

☐ div   ☐ span
☐ body   ☐ label

Your answer is wrong.

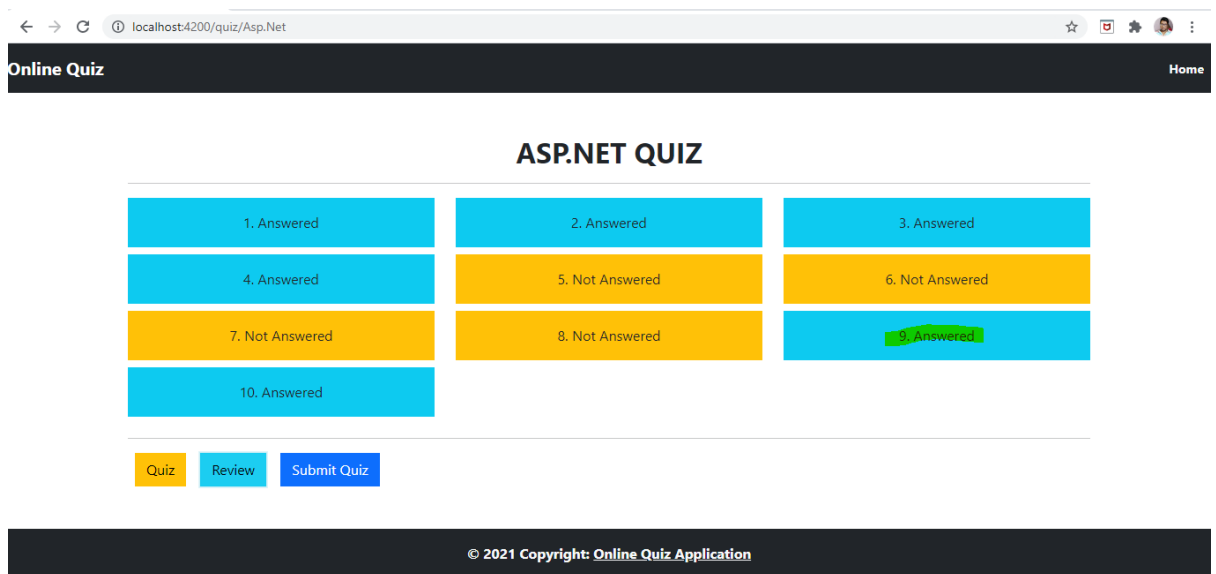## 9. Which method do you use to explicitly kill a user's session?

☑ Session.Terminate()   ☐ Session.TimeOut()
☐ Session.Abondon()   ☐ Session.Kill()

Your answer is wrong.

10. Which of the following object is ideal for keeping data alive for a single request?

☐ HttpContext   ☐ Session
☑ Cookies   ☐ SqlServer

Your answer is wrong.

You may close this window now.

3. User Selects to give C Sharp Quiz

C# AND .NET FRAMEWORK

Question 2 of 10.   Time: 01:18 / 05:00

2. Which of the following .NET components can be used to remove unused references from the managed heap?

☐ Language Infrastructure	☐ CLR
☑ Garbage Collector	☐ Class Loader
☐ CTS	

First   Prev   Next   Last

C# AND .NET FRAMEWORK

Question 3 of 10.   Time: 01:59 / 05:00

3. Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

☐ gacutil	☑ ngen
☐ dumpbin	☐ ildasm

First   Prev   Next   Last

Quiz   Review   Submit Quiz

C# AND .NET FRAMEWORK

10. Which of the following does NOT represent Integer?

☑ Char

☐ Byte

☐ Short

☐ Long

First | Prev | Next | Last

Quiz | Review | Submit Quiz

C# AND .NET FRAMEWORK

1. Answered	2. Answered	3. Answered
4. Not Answered	5. Not Answered	6. Not Answered
7. Not Answered	8. Not Answered	9. Not Answered
10. Answered		

Quiz | Review | Submit Quiz

C# AND .NET FRAMEWORK

6. What does the term **immutable** means in term of string objects?

☐ We can modify characters included in the string

☑ We cannot modify characters contained in the string

☐ We cannot perform various operation of comparison, inserting, appending etc

☐ None of the above

First | Prev | Next | Last

Quiz | Review | Submit Quiz

C# AND .NET FRAMEWORK

1. Answered	2. Answered	3. Answered
4. Not Answered	5. Not Answered	6. Answered
7. Not Answered	8. Not Answered	9. Not Answered
10. Answered		

Quiz | Review | Submit Quiz

C# AND .NET FRAMEWORK

Quiz Result: Your Score is: 4 Out of 10

1. Which of the following assemblies can be stored in Global Assembly Cache?

☑ Private Assemblies   ☐ Friend Assemblies
☐ Public Assemblies   ☐ Shared Assemblies

Your answer is wrong.

2. Which of the following .NET components can be used to remove unused references from the managed heap?

☐ Language Infrastructure   ☐ CLR
☑ Garbage Collector   ☐ Class Loader
☐ CTS

Your answer is correct.

3. Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

☐ gacutil   ☑ ngen
☐ dumpbin   ☐ ildasm

Your answer is correct.

3. Which of the following utilities can be used to compile managed assemblies into processor-specific native code?

☐ gacutil   ☑ ngen
☐ dumpbin   ☐ ildasm

Your answer is correct.

4. Which of the following is NOT an Arithmetic operator in C#.NET?

☐ ** (Double Star)   ☐ + (Plus)
☐ / (Divide)   ☐ % (Modulo)

Your answer is wrong.

5. Which of the following statements is correct about an interface used in C#.NET?

☐ If a class implements an interface partially, then it should be an abstract class.   ☐ A class cannot implement an interface partially.
☐ An interface can contain static methods.   ☐ An interface can contain static data.

Your answer is wrong.

6. What does the term immutable means in term of string objects?

☐ We can modify characters included in the string   ☑ We cannot modify characters contained in the string
☐ We cannot perform various operation of comparison, inserting, appending etc   ☐ None of the above

Your answer is correct.

☐ Exception

☐ DivideByZeroException

☐ StackMemoryException

☐ InvalidOperationException

Your answer is wrong.

8. In C#.NET if we do not catch the exception thrown at runtime then which of the following will catch it?

☐ Compiler

☐ Linker

☐ CLR

☐ Operating system

Your answer is wrong.

9. Which of the following statements are correct about delegates?

☐ Delegates cannot be used to call a static method of a class.

☐ If signatures of two methods are same they can be called through the same delegate object.

☐ Delegates cannot be used to call procedures that receive variable number of arguments.

☐ Delegates cannot be used to call an instance function. Delegates cannot be used to call an instance subroutine.

Your answer is wrong.

10. Which of the following does NOT represent Integer?

☑ Char

☐ Short

☐ Byte

☐ Long

Your answer is correct.

You may close this window now.

☐ Exception

☐ DivideByZeroException

☐ StackMemoryException

☐ InvalidOperationException