

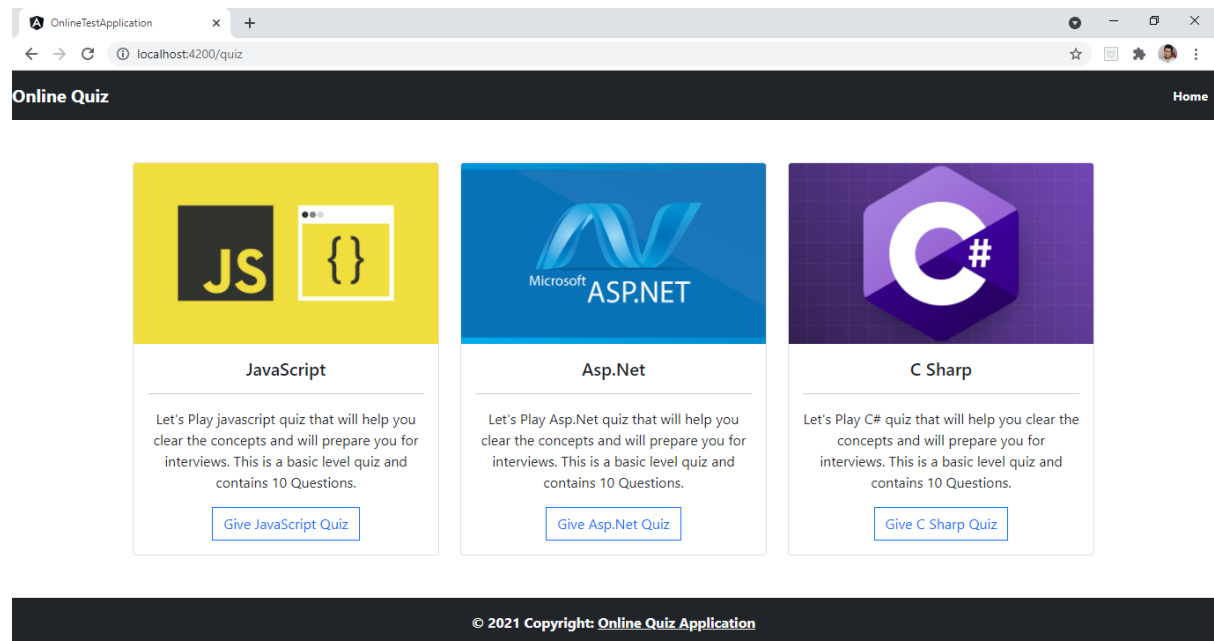
# Online Test Application

(Screenshot)

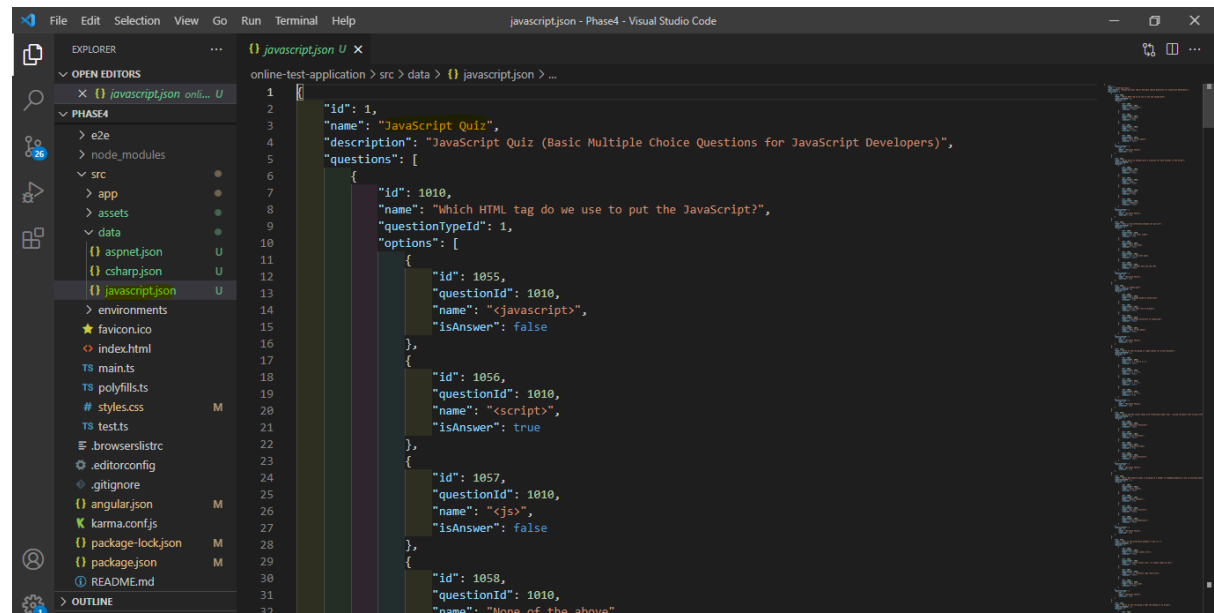
## Version History:

Author	Aman Kumar
Purpose	Project Screenshot
Date	24/02/2022
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.

The screenshot shows a web browser window with the URL `localhost:4200/quiz/Javascript`. The page has a dark header with "Online Quiz" and a "Home" link. The main content area is titled "JAVASCRIPT QUIZ". Below the title, it says "Question 1 of 10." and "Time: 00:10 / 05:00". The question is "1. Which HTML tag do we use to put the JavaScript?". There are four options: `<javascript>`, `<script>`, `<js>`, and "None of the above". Below the options are navigation buttons: "First", "Prev", "Next", and "Last". At the bottom, there are three buttons: "Quiz", "Review", and "Submit Quiz".

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.

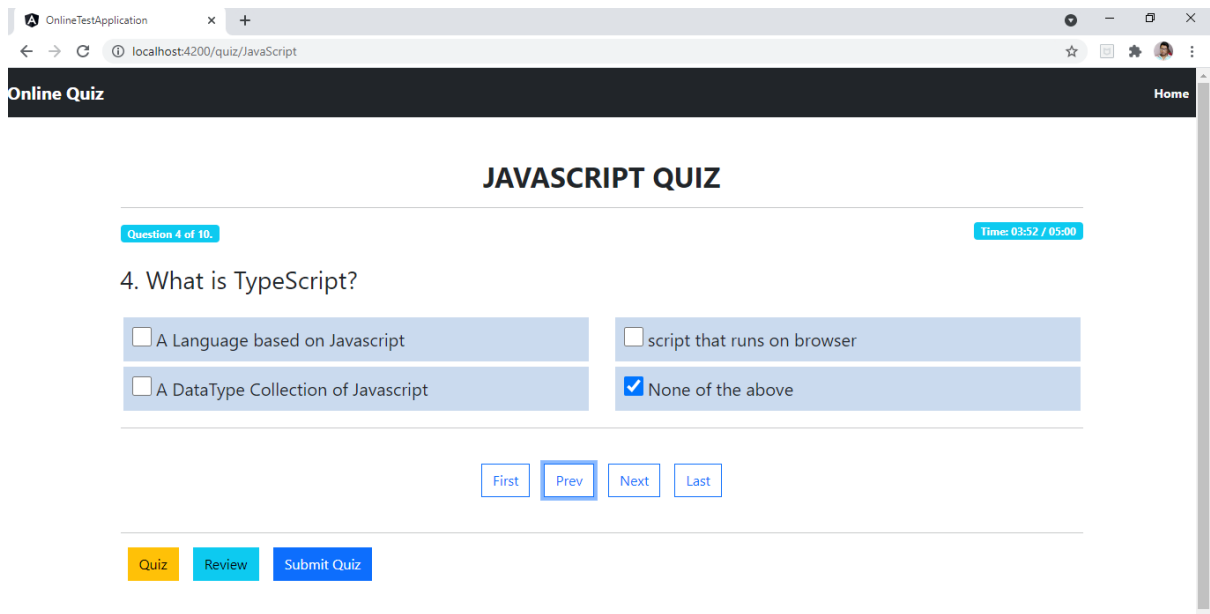
The screenshot shows the same JavaScript Quiz page, but now the correct answer, `<script>`, is selected. The timer shows "Time: 01:13 / 05:00". The question and options remain the same. The navigation buttons and the "Quiz", "Review", and "Submit Quiz" buttons are also present.

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

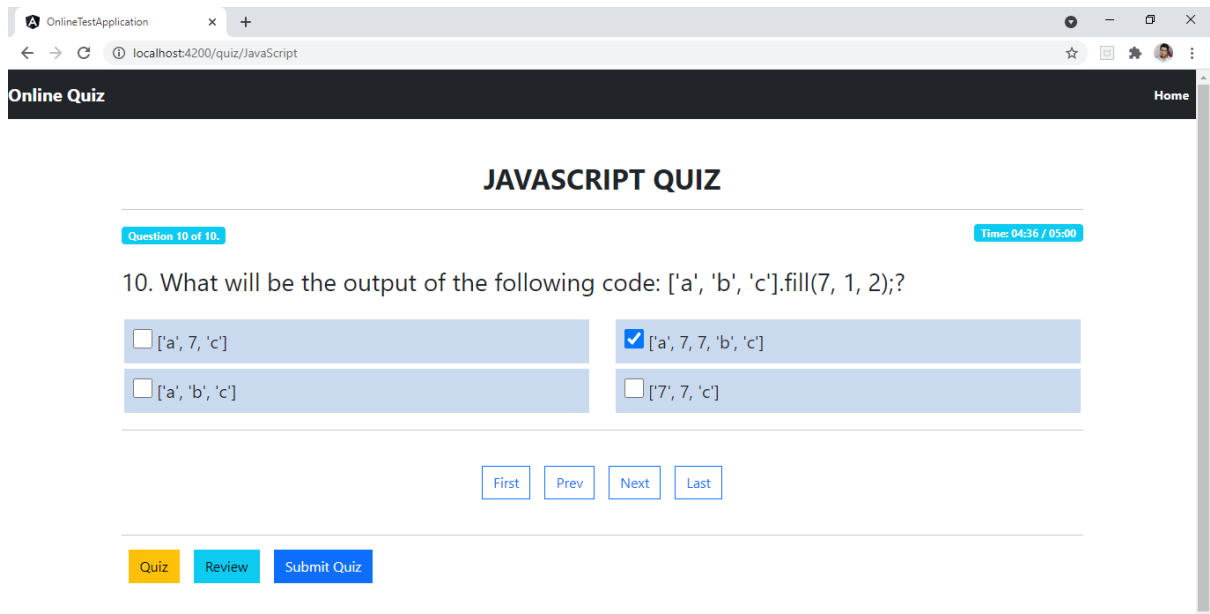
The screenshot shows a web browser window with the URL `localhost:4200/quiz/Javascript`. The page title is "Online Quiz" and there is a "Home" link in the top right. The main heading is "JAVASCRIPT QUIZ". Below this, it says "Question 2 of 10." and "Time: 02:11 / 05:00". The question is: "2. Which built-in method calls a function for each element in the array?". There are four radio button options: `while()`, `loop`, `forEach` (which is selected), and `takeUntil`. Below the options are four buttons: "First", "Prev", "Next", and "Last". At the bottom are three buttons: "Quiz", "Review", and "Submit Quiz".

Similarly, User can Answer all the questions asked

The screenshot shows the same web browser window, but now it's "Question 3 of 10." with a time of "02:48 / 05:00". The question is: "3. What is the difference between let and var?". There are four radio button options: `let` has local scope, Both are same (which is selected), `var` is new data type, and `let` consumes more cpu and ram. Below the options are four buttons: "First", "Prev", "Next", and "Last". At the bottom are three buttons: "Quiz", "Review", and "Submit Quiz".

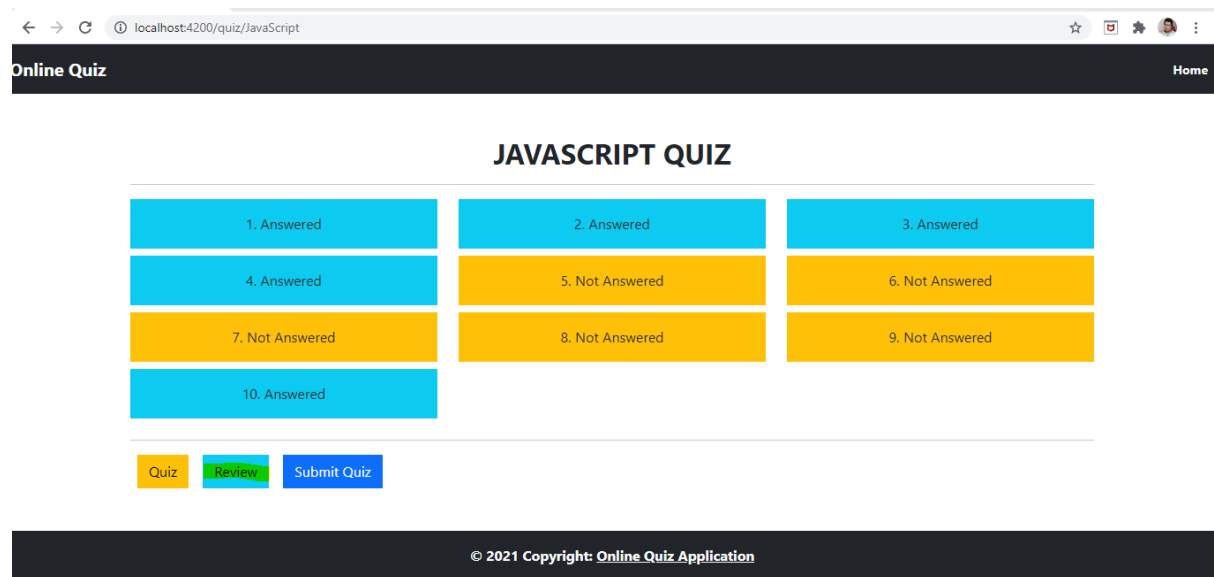


User can also navigate to last or First question directly from First and Last Nav Links

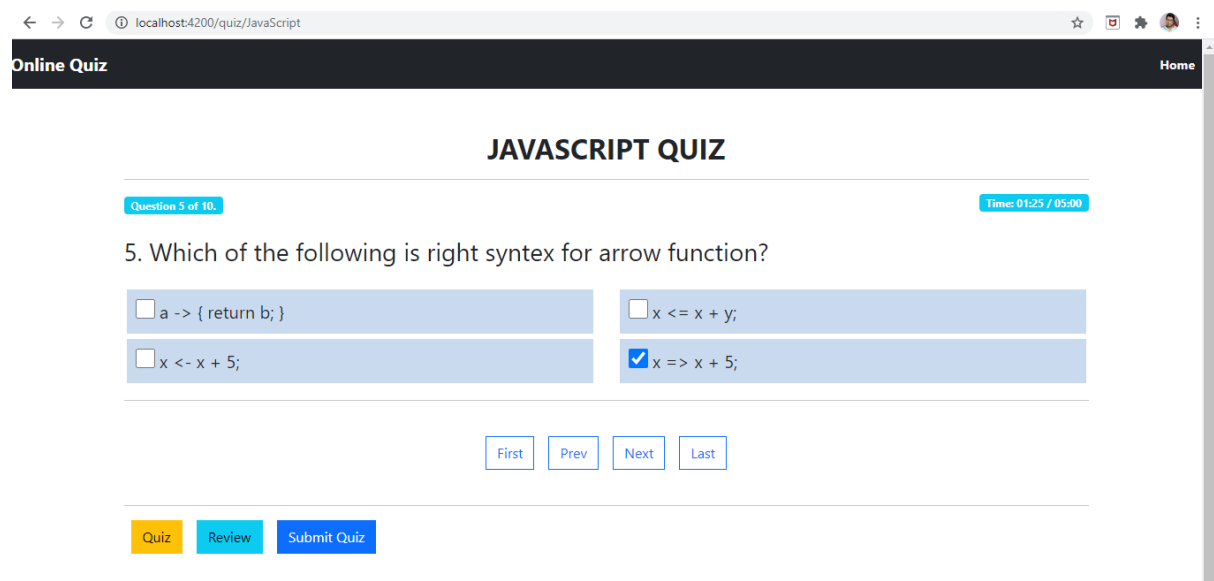


User can Review All the Answered and Not Answered Questions by Clicking on Review Nav Link.

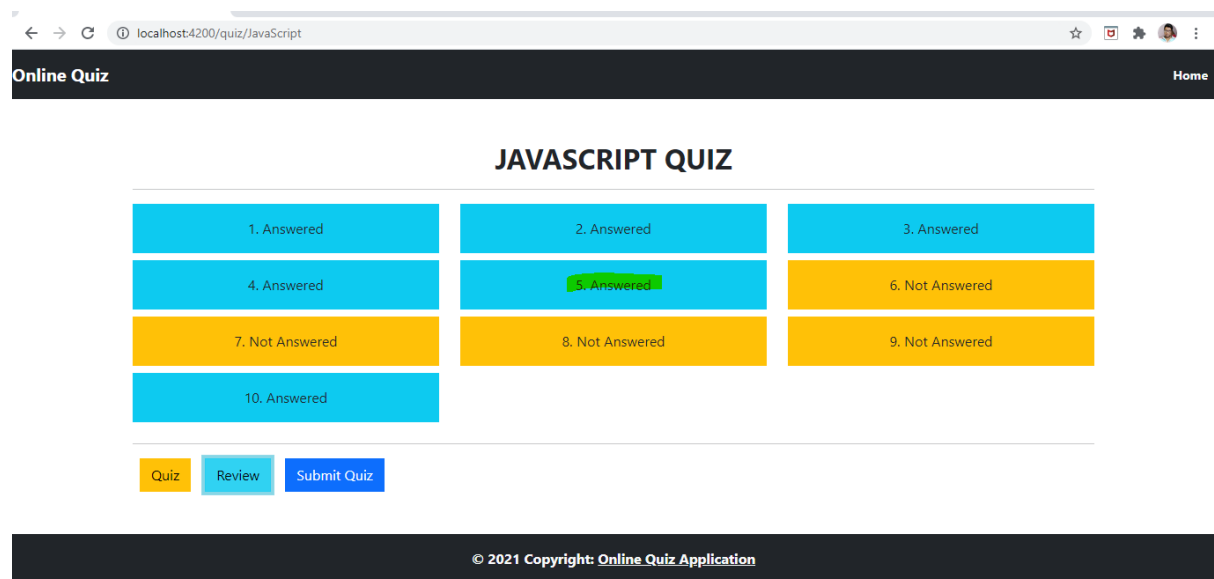
Also user can go to specific question to answer by clicking on any of the Question Blocks.



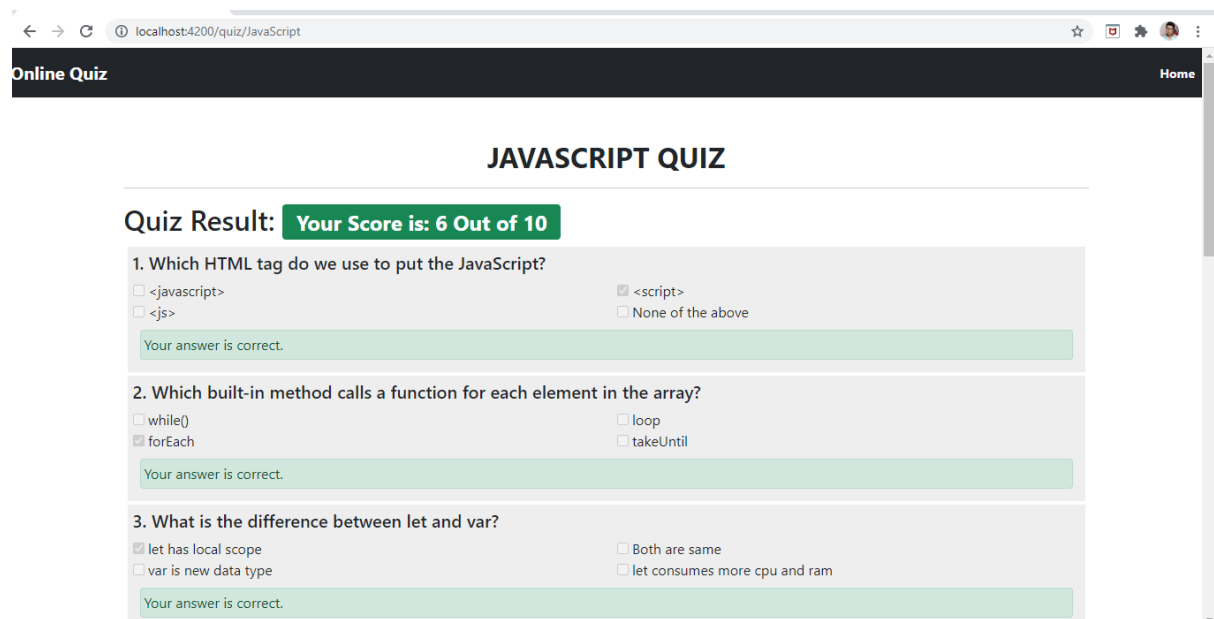
User wanted to answer the 5<sup>th</sup> Not Answered Question:



Now we can see the 5<sup>th</sup> 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 ☐ script that runs on browser  
☐ A Data Type Collection of Javascript ☐ None of the above

Your answer is correct.

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

- ☐ a -> { return b; } ☐ x <= x + y;  
☐ x <- x + 5; ☒ 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 ☐ Arrow Functions  
☐ Template Strings ☐ 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 syntax ☐ Object.assign()  
☐ map data structure ☐ Array.includes(obj);

Your answer is wrong.

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

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

Your answer is wrong.

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

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

Your answer is wrong.

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

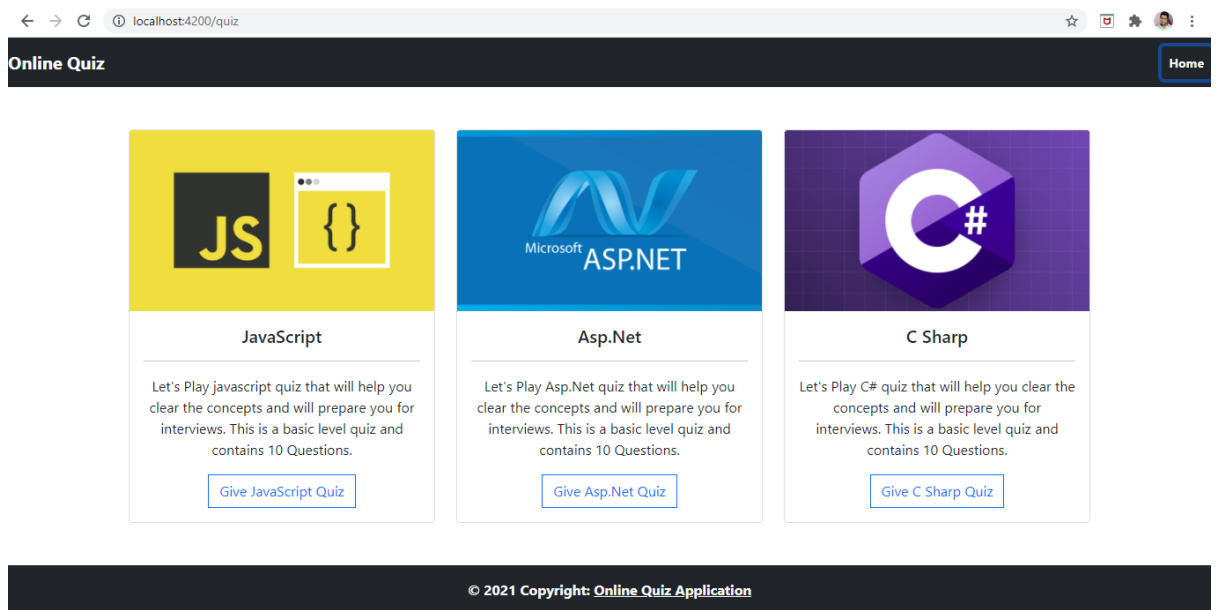
- ☒ ['a', 7, 'c'] ☐ ['a', 7, 7, 'b', 'c']  
☐ ['a', 'b', 'c'] ☐ ['7', 7, 'c']

Your answer is correct.

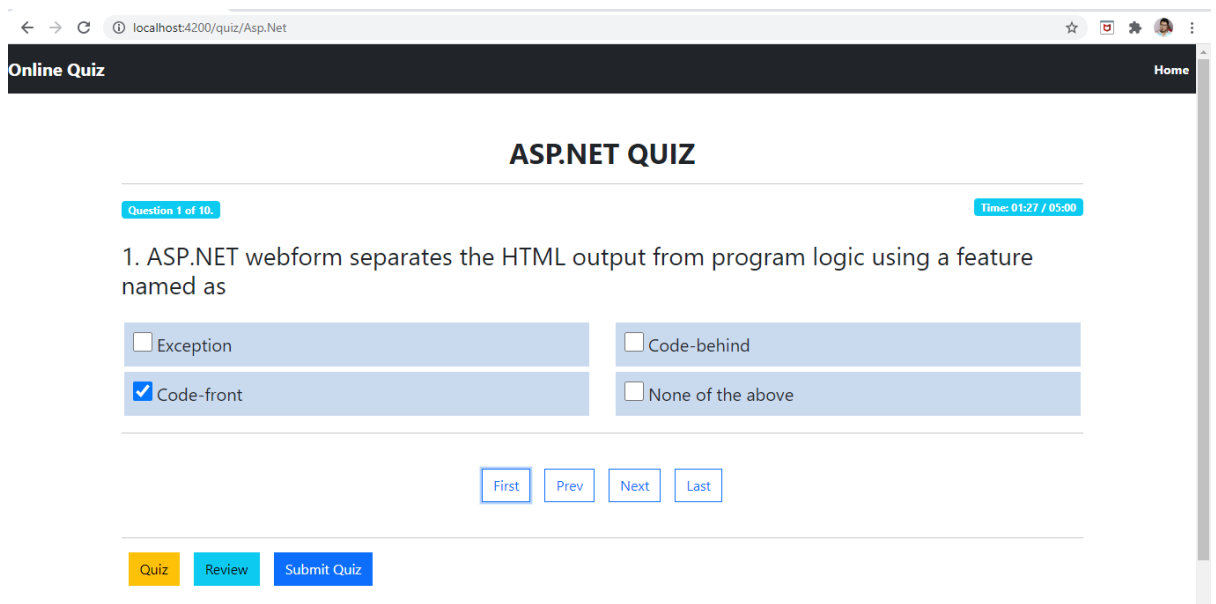
You may close this window now.



## 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

← → ↻ localhost:4200/quiz/Asp.Net ☆ 🏠 ⚙️ 👤

Online Quiz Home

### ASP.NET QUIZ

Question 2 of 10. Time: 01:46 / 05:00

2. The feature in ASP.NET 2.0 that is used to fire a normal postback to a different page in the application is called

<input type="checkbox"/> Theme	<input type="checkbox"/> Code-front
<input checked="" type="checkbox"/> Cross Page Posting	<input type="checkbox"/> None of the above

[First](#) [Prev](#) [Next](#) [Last](#)

[Quiz](#) [Review](#) [Submit Quiz](#)

Similarly, User can Answer all the questions asked

← → ↻ localhost:4200/quiz/Asp.Net ☆ 🏠 ⚙️ 👤

Online Quiz Home

### ASP.NET QUIZ

Question 3 of 10. Time: 02:04 / 05:00

3. What class does the ASP.NET Web Form class inherit from by default?

<input checked="" type="checkbox"/> System.Web.UI.Page	<input type="checkbox"/> System.Web.UI.Form
<input type="checkbox"/> System.Web.GUI.Page	<input type="checkbox"/> System.Web.Form

[First](#) [Prev](#) [Next](#) [Last](#)

[Quiz](#) [Review](#) [Submit Quiz](#)

← → ↻ localhost:4200/quiz/Asp.Net ☆ 📄 ⚙️ 👤

Online Quiz Home

### ASP.NET QUIZ

Question 10 of 10. Time: 02:58 / 05:00

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

<input type="checkbox"/> HttpContext	<input type="checkbox"/> Session
<input checked="" type="checkbox"/> Cookies	<input type="checkbox"/> SqlServer

First Prev Next Last

Quiz Review Submit Quiz

Similarly, User can Answer all the questions asked

← → ↻ localhost:4200/quiz/Asp.Net ☆ 📄 ⚙️ 👤

Online Quiz Home

### ASP.NET QUIZ

Question 4 of 10. Time: 02:25 / 05:00

4. What does MVC stand for?

<input checked="" type="checkbox"/> Model View Controller	<input type="checkbox"/> Maximum Virtual Control
<input type="checkbox"/> Microsoft Visual Core	<input type="checkbox"/> 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

← → ↺ localhost:4200/quiz/AspNet ☆ 📄 ⚙️ 👤 ⋮

Online Quiz Home

### ASP.NET QUIZ

Question 10 of 10. Times: 02:58 / 05:00

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

<input type="checkbox"/> HttpContext	<input type="checkbox"/> Session
<input checked="" type="checkbox"/> Cookies	<input type="checkbox"/> SqlServer

First Prev Next Last

Quiz Review Submit Quiz

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.

← → ↺ localhost:4200/quiz/AspNet ☆ 📄 ⚙️ 👤 ⋮

Online Quiz Home

### ASP.NET 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 9<sup>th</sup> Not Answered Question:

← → ↺ localhost:4200/quiz/Asp.Net ☆ 📄 ⚙️ 👤 ⋮

Online Quiz Home

### ASP.NET QUIZ

Question 9 of 10. Time: 03:54 / 05:00

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

<input type="checkbox"/> Session.Terminate()	<input type="checkbox"/> Session.Timeout()
<input type="checkbox"/> Session.Abandon()	<input type="checkbox"/> Session.Kill()

First Prev Next Last

Quiz Review Submit Quiz

Online Quiz Home

### ASP.NET QUIZ

Question 9 of 10. Time: 04:24 / 05:00

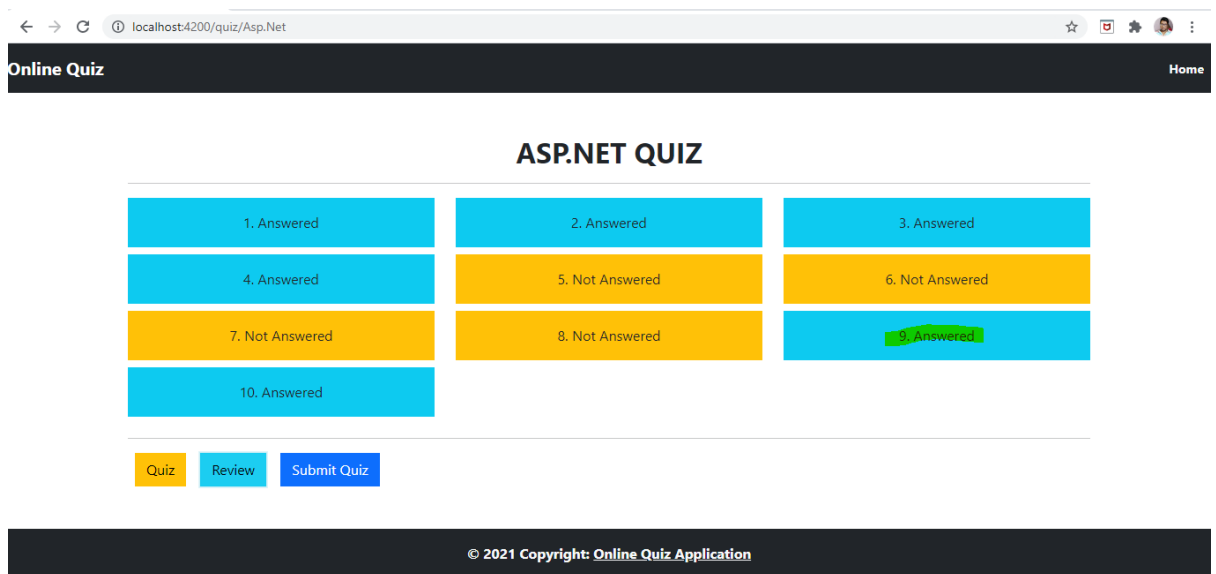
9. Which method do you use to explicitly kill a user's session?

<input checked="" type="checkbox"/> Session.Terminate()	<input type="checkbox"/> Session.Timeout()
<input type="checkbox"/> Session.Abandon()	<input type="checkbox"/> Session.Kill()

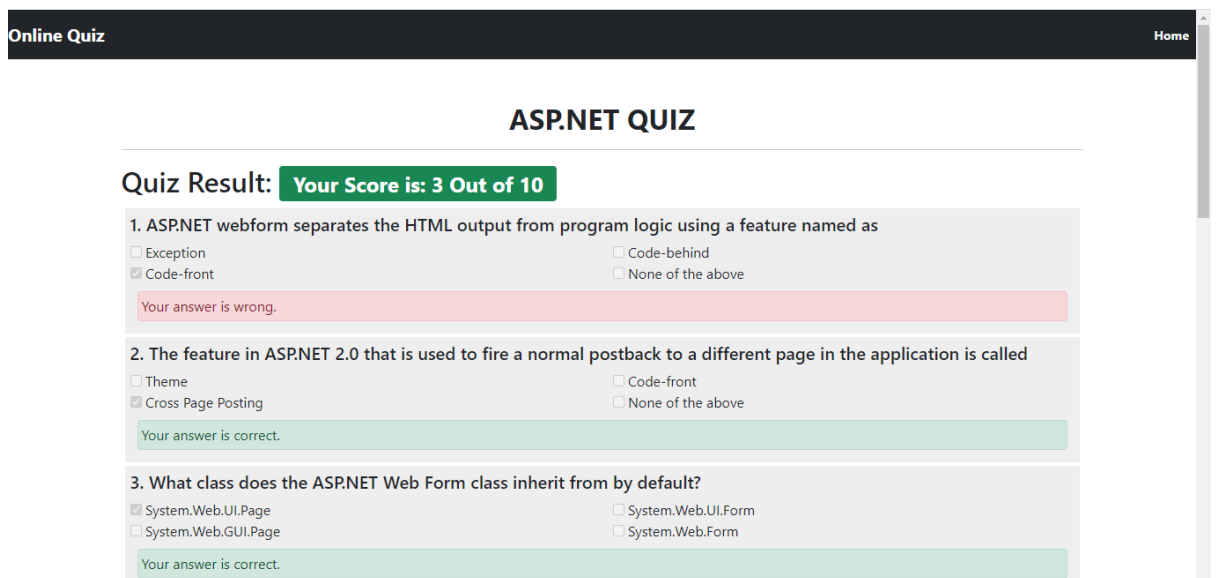
First Prev Next Last

Quiz Review Submit Quiz

9<sup>th</sup> 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.Abandon() ☐ 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

← → ↻ localhost:4200/quiz

Online Quiz


Home



#### JavaScript

Let's Play javascript quiz that will help you clear the concepts and will prepare you for interviews. This is a basic level quiz and contains 10 Questions.


[Give JavaScript Quiz](#)



#### Asp.Net

Let's Play Asp.Net quiz that will help you clear the concepts and will prepare you for interviews. This is a basic level quiz and contains 10 Questions.

[Give Asp.Net Quiz](#)



#### C Sharp

Let's Play C# quiz that will help you clear the concepts and will prepare you for interviews. This is a basic level quiz and contains 10 Questions.

[Give C Sharp Quiz](#)

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← → ↻ localhost:4200/quiz/C%20Sharp

Online Quiz

Home

## C# AND .NET FRAMEWORK

Question 1 of 10.

Time: 00:48 / 05:00

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

☒ Private Assemblies

☐ Friend Assemblies

☐ Public Assemblies

☐ Shared Assemblies

First

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Quiz

Review

Submit 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☒ Garbage Collector☐ CTS☐ CLR☐ Class Loader

First

Prev

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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☐ dumpbin☒ ngen☐ ildasm

First

Prev

Next

Last

Quiz

Review

Submit Quiz

## C# AND .NET FRAMEWORK

Question 10 of 10.

Time: 02:24 / 05:00

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

Question 6 of 10.

Time: 03:42 / 05:00

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  
☐ Public Assemblies

- ☐ Friend 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  
☒ Garbage Collector  
☐ CTS

- ☐ CLR  
☐ Class Loader

Your answer is correct.

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

- ☐ gacutil  
☐ dumpbin

- ☒ ngen  
☐ ildasm

Your answer is correct.

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

- ☐ gacutil  
☐ dumpbin

- ☒ ngen  
☐ ildasm

Your answer is correct.

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

- ☐ \*\* (Double Star)  
☐ / (Divide)

- ☐ + (Plus)  
☐ % (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.  
☐ An interface can contain static methods.

- ☐ A class cannot implement an interface partially.  
☐ An interface can contain static data.

Your answer is wrong.

**6. What does the term <strong>immutable</strong> means in term of string objects?**

- ☐ We can modify characters included in the string  
☐ We cannot perform various operation of comparison, inserting, appending etc

- ☒ We cannot modify characters contained in the string  
☐ None of the above

Your answer is correct.

7. Which of the following is NOT a .NET Exception class.

- |  |  |
|--|--|
| <input type="checkbox"/> Exception             | <input type="checkbox"/> StackMemoryException      |
| <input type="checkbox"/> DivideByZeroException | <input type="checkbox"/> 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?

- |                                   |   |
|-----------------------------------|---|
| <input type="checkbox"/> Compiler | <input type="checkbox"/> CLR              |
| <input type="checkbox"/> Linker   | <input type="checkbox"/> Operating system |

Your answer is wrong.

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

- |   |  |
|---|--|
| <input type="checkbox"/> Delegates cannot be used to call a static method of a class.                               | <input type="checkbox"/> Delegates cannot be used to call procedures that receive variable number of arguments.                          |
| <input type="checkbox"/> If signatures of two methods are same they can be called through the same delegate object. | <input type="checkbox"/> 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?

- |  |                               |
|--|-------------------------------|
| <input checked="" type="checkbox"/> Char | <input type="checkbox"/> Byte |
| <input type="checkbox"/> Short           | <input type="checkbox"/> Long |

Your answer is correct.

You may close this window now.