# buibinhminhpham2004@g
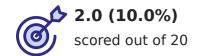
## TH-7023-Sem 3-Web Development with ASP.NET MVC and CORE's report

Submitted on Nov 01 2023 08:03:34 IST

**2.0 (10.0%)**
scored out of 20

**Failed**
in the assignment (Cut-off score >= 40%)

**16**
problems attempted out of 16

## Test time analysis

**11m 41s**
time taken for completion

**Oct 30 2023 14:15:59 IST**
test invite time

**Nov 01 2023 07:51:52 IST**
test start time

**Nov 01 2023 08:03:34 IST**
test end time

## Performance summary

**2**
solutions accepted

**14**
solutions rejected

## Solutions

| Problem Name | Problem Type | Status | Score |
|---|---|---|---|
| **Web Development with ASP.NET MVC and CORE1** | MCQ | ACCEPTED | **1.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
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| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | ACCEPTED | **1.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 1 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 2 |

| Problem Name | Problem Type | Status | Score |
|---|---|---|---|
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 2 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 2 |
| **Web Development with ASP.NET MVC and CORE1** | MCQ | REJECTED | **0.0** / 2 |

# Detailed Report

## Problem 1 : Web Development with ASP.NET MVC and CORE1

<span style="float: right;">MCQ   SCORE: **1**</span>

_____can be defined as a pattern-matching approach that tracks requests and decides where to send it for further processing.

## Solution

ACCEPTED   SCORE: **1.0** / 1

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| Routing | |
| Cascading | |
| Impersonation | |
| Authentication | |

## Problem 2 : Web Development with ASP.NET MVC and CORE1

<span style="border:1px solid teal;padding:2px">MCQ</span> <span style="border:1px solid blue;padding:2px">SCORE: **1**</span>

Which middleware from ASP.NET 4.5 onwards generates tokens for applications?

### Solution

<span style="border:1px solid red;padding:2px">REJECTED</span> <span style="border:1px solid blue;padding:2px">SCORE: **0.0** / 1</span>

**CANDIDATE'S ANSWER**

UserOAuthAuthorizationServer

OAuthAuthorizationServer

UseOAuthAuthenticationServer

**CORRECT ANSWER**

UseOAuthAuthorizationServer

## Problem 3 : Web Development with ASP.NET MVC and CORE1

MCQ   SCORE: **1**

Which of the following is not part of Onion Architecture?

## Solution

REJECTED   SCORE: **0.0** / 1

**CANDIDATE'S ANSWER**

UI

Service

Repository

**CORRECT ANSWER**

Business Logic

## Problem 4 : Web Development with ASP.NET MVC and CORE1

MCQ  SCORE: **1**

Any ASP.NET Core Web application project, by default, has a method named CreateHostBuilder. This method calls ConfigureWebHostDefaults that uses the _____ function internally.

## Solution

REJECTED  SCORE: **0.0** / 1

InvokeKestrel

UseKestrel  **CORRECT ANSWER**

InitKestrel

**CANDIDATE'S ANSWER**
InitiiateKestrel

## Problem 5 : Web Development with ASP.NET MVC and CORE1

MCQ    SCORE: **1**

Which class does ASP.NET Core use to configure and create WebHosts?

## Solution

REJECTED    SCORE: **0.0** / 1

**CANDIDATE'S ANSWER**

WebHostingBuilder

WebHostBuilder    **CORRECT ANSWER**

WebHostBuilders

WebCoreHostBuilder

## Problem 6 : Web Development with ASP.NET MVC and CORE1

Controllers form the central unit of the ASP.NET MVC application. Which statement is true for Controllers?

## Solution

REJECTED    SCORE: **0.0** / 1

| | CORRECT ANSWER |
|---|---|
| It is the first unit that any incoming HTTP Request communicates with. | |

| | CORRECT ANSWER |
|---|---|
| It also has the responsibility of deciding which model to choose. | |

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| Controllers form the central unit of the ASP.NET MVC application. | |

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| A controller action or a complete controller can be associated with an attribute. | |

## Problem 7 : Web Development with ASP.NET MVC and CORE1

MCQ    SCORE: **1**

Which of the following is correct about Layout View?

## Solution

REJECTED    SCORE: **0.0** / 1

**CANDIDATE'S ANSWER**

The common sections are the header section and footer section.

**CORRECT ANSWER**

The common sections are the header section, footer section, and left and right navigation.

The common sections are the left and right navigation.

Nothing is default.

## Problem 8 : Web Development with ASP.NET MVC and CORE1

MCQ   SCORE: **1**

While working with Code First Approach in EF, which one of the following command of Visual Studio is used to initiate database creation at database side?

## Solution

ACCEPTED   SCORE: **1.0** / 1

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| Add.Migration | |
| Add-DBMigration | |
| Add-DB-Migration | |
| Add-DatabaseMigration | |

## Problem 9 : Web Development with ASP.NET MVC and CORE1

When an exception occurs unexpectedly and is out of scope of the try/catch/finally block, the page error and the application error event handlers are used. Thus, when there is no way to handle an exception that has occurred abnormally, it is handled at _____.

## Solution

REJECTED  SCORE: **0.0** / 1

**CANDIDATE'S ANSWER**
Exception_Error

**CANDIDATE'S ANSWER**
Handled_Error

CORRECT ANSWER
Page_Error

**CANDIDATE'S ANSWER**     CORRECT ANSWER
Application_Error

## Problem 10 : Web Development with ASP.NET MVC and CORE1

MCQ  SCORE: **1**

Which of the following options are true for Unit of Work (UoW)?

## Solution

REJECTED  SCORE: **0.0** / 1

CORRECT ANSWER

The concept of a Unit of Work (UoW) is important for successful implementation of a repository pattern.

CANDIDATE'S ANSWER  CORRECT ANSWER

The Unit of Work (UoW) is a type of business transaction that combines all CRUD transactions, such as insert/update/delete into one.

CORRECT ANSWER

Unit of Work (UoW) ensures that the transactions are completed once instead of multiple transactions.

Unit of Work (UoW) ensures Mvc Core App to be available for Azure environment.

## Problem 11 : Web Development with ASP.NET MVC and CORE1

`MCQ` `SCORE: 1`

Identify the correct working of Dependency Inversion Principle.

## Solution

`REJECTED` `SCORE: 0.0 / 1`

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| It is used with IoC to achieve loose coupling | |

| CANDIDATE'S ANSWER | |
|---|---|
| Dependency Inversion Principle add another layer of encapsulation | |

| | CORRECT ANSWER |
|---|---|
| removes the dependency between high-level modules or classes and low-level modules or classes | |

| | |
|---|---|
| as per Dependency Inversion Principle the classes should not be concrete | |

## Problem 12 : Web Development with ASP.NET MVC and CORE1

MCQ   SCORE: **1**

Which of the following class is an exception filter?

## Solution

REJECTED   SCORE: **0.0** / 1

| | |
|---|---|
| HandleErrorAttribute | **CORRECT ANSWER** |
| **CANDIDATE'S ANSWER**<br>HandleErrorInfo | |
| DivideByZeroException | |
| Exception | |

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## Problem 13 : Web Development with ASP.NET MVC and CORE1

MCQ | SCORE: **2**

Which fact(s) are true about AutoMapper?

## Solution

REJECTED | SCORE: **0.0** / 2

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| It is a convention-based object-to-object mapper, which requires minimal changes. | |

AutoMapper is a library that works with ASP.Net Core Applications only.

| CANDIDATE'S ANSWER | |
|---|---|
| AutoMapper does not allow type changing for existing classes. | |

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| AutoMapper is a small library for .NET that allows changing the type of an object. | |

## Problem 14 : Web Development with ASP.NET MVC and CORE1

MCQ    SCORE: **2**

Which of the following statements are the benefits of Unit of Work (UoW)?

## Solution

REJECTED    SCORE: **0.0** / 2

| CANDIDATE'S ANSWER | CORRECT ANSWER |
| --- | --- |
| Ensures ease of testability through implementation of unit testing. | |

| | CORRECT ANSWER |
| --- | --- |
| No redundancy in code though number of classes are more. | |

| CANDIDATE'S ANSWER | CORRECT ANSWER |
| --- | --- |
| Ensures flexibility in architecture because business and data layers are separate. | |

| | |
| --- | --- |
| Increased encapsulation due to separation of business logic and database. | |

## Problem 15 : Web Development with ASP.NET MVC and CORE1

MCQ    SCORE: **2**

Which built-in namespace is used for Data Annotations?

## Solution

REJECTED    SCORE: **0.0** / 2

**CORRECT ANSWER**

System.ComponentModel.DataAnnotations

**CANDIDATE'S ANSWER**
System.Core.ComponentModel.DataAnnotations

System.ComponentCoreModel.DataAnnotations

System.ComponentModel.Core.DataAnnotations

## Problem 16 : Web Development with ASP.NET MVC and CORE1

SCORE: **2**

Which statement(s) are true for Generic Repository?

## Solution

REJECTED · SCORE: **0.0** / 2

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| The generic repository pattern is used to provide common database activities | |

| | CORRECT ANSWER |
|---|---|
| Generic Repository Pattern will have database entities in a single class | |

| CANDIDATE'S ANSWER | CORRECT ANSWER |
|---|---|
| Generic Repository wil use <identifier> in the class specification to refer to the object | |

Generic Repository class should not implemented from Interface