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6. A multipart/form-data request

You are creating a .Net Web API using the **[ApiController]** attribute that applies an inference rule when an action parameter is annotated with the **[FromForm]** attribute.

```
services.AddControllers()  
.ConfigureApiBehaviorOptions(options =>  
{  
    XXX  
    options.SuppressInferBindingSourcesForParameters = true;  
    options.SuppressModelStateInvalidFilter = true;  
    options.SuppressMapClientErrors = true;  
    options.ClientErrorMapping[StatusCodes.Status404NotFound].Link =  
        "https://httpstatuses.com/404";  
});
```

What can you use in place of **XXX** to disable the default behaviour of the inferred multipart/form-data request content type?

Answer Options

Select any one option [Clear Answer](#)

☐ options.SuppressConsumesConstraintForFormFileParameters = false;

☐ options.SuppressInferBindingSourcesForParameters = false;

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6. A multipart/form-data request

options.ClientErrorMapping[StatusCodes.Status404NotFound].Link =
"https://httpstatuses.com/404";
});

What can you use in place of **XXX** to disable the default behaviour of the inferred multipart/form-data request content type?

Answer Options

Select any one option [Clear Answer](#)

☐ options.SuppressConsumesConstraintForFormFileParameters = false;

☐ options.SuppressInferBindingSourcesForParameters = false;

☒ options.SuppressConsumesConstraintForFormFileParameters = true;

☐ None of these

Answer Saved

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5. Routing your Web API

You are using the given code snippet to route your Web API when working with .Net 4.x.

```
public static class WebApiConfig
{
    public static void Register(HttpConfiguration config)
    {
        config.MapHttpAttributeRoutes();
        config.Routes.MapHttpRoute(
            name: "DefaultApi",
            routeTemplate: "api/{controller}/{id}",
            defaults: new { id = RouteParameter.Optional }
        );
    }
}
```

What type of routing does the **config.MapHttpAttributeRoutes()** method enable in the given context?

Answer Options

Select any one option

☒ Attribute routing

☐ Extension routing

Clear Answer

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5. Routing your Web API

```
defaults: new { id = RouteParameter.Optional }
};
}
}
```

What type of routing does the **config.MapHttpAttributeRoutes()** method enable in the given context?

Answer Options

Select any one option

☒ Attribute routing

☐ Extension routing

☐ Default routing

☐ Convention based routing

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4. Opening a window

You are creating an instance to open a Window **W1** in Windows Presentation Foundation. What can **X** and **Y** be replaced with in order to do so?

```
using System.Windows;
namespace WindowsOverview
{
    public partial class App : Application
    {
        private void Application_Startup(object sender, StartupEventArgs e)
        {
            // Create the window
            X;
            // Open the window
            Y;
        }
    }
}
```

Answer Options

Select any one option

☒ X: W1 window = new W1()
Y: window.Show()

Clear Answer

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4. Opening a window

`using System.Windows;`
`namespace WindowsOverview`
`{`
 `public partial class App : Application`
 `{`
 `private void Application_Startup(object sender, StartupEventArgs e)`
 `{`
 `// Create the window`
 `X;`
 `// Open the window`
 `Y;`
 `}`
 `}`
`}`

Answer Options

Select any one option

☒ X: W1 window = new W1()
Y: window.Show()

☐ X: W1 window = new window
Y: window.Display()

☐ X: W1 window = new W1()
Y: window.Display()

☐ X: W1 window = new window
Y: window.Show()

Clear Answer

Answer Saved

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3. Tracing the SQL

You are working on a .Net implementation that uses Entity framework 6 along with Web API 2.

In the given scenario, which of these code snippets can be used for tracing the SQL generated by the Entity framework in the relational database?

Answer Options

Select any one option

☒ this.Database.Log = s => System.Diagnostics.Debug.WriteLine(s);

☐ System.Diagnostics.console.log()

☐ this.System.Diagnostics.console.log()

☐ this.System.Diagnostics.console.log => s.debug()

Clear Answer

Answer Saved

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1. The route dictionary

What will the route dictionary contain for the URI path **api/products**?

Note: You are performing routing with .Net Web API.

Answer Options

Select any one option

☐ controller: "products"
category: "all"

☒ controller: "products"

☐ controller: "products"
category: "all"
id: "null"

☐ None of these

Clear Answer

Answer Saved

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1. Matching URIs ✓

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Consider the following code snippet.

```
routes.MapHttpRoute(  
    name: "DefaultApi",  
    routeTemplate: "api/{controller}/{category}",  
    defaults: new { category = "all" }  
);
```

Which of these URIs will match the preceding routes?

Note: You are performing routing with .Net Web API.

Answer Options

Select any one option Clear Answer

☐ http://localhost/api/products/all

☐ http://localhost/api/products

☒ Both Choice 1 and 2

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1. Matching URIs ✓

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```
);
```

Which of these URIs will match the preceding routes?

Note: You are performing routing with .Net Web API.

Answer Options

Select any one option Clear Answer

☐ http://localhost/api/products/all

☐ http://localhost/api/products

☒ Both Choice 1 and 2

☐ None of these

Answer Saved

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6. Designing class without encapsulation ✓

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You are designing a class in .Net without following encapsulation. Which of the following is likely to happen in such a case?

1. You cannot validate the user-given data according to your requirement.
2. It becomes very difficult to handle future changes.

Answer Options

Select any one option

Clear Answer

☐ Only 1

☐ Only 2

☒ Both 1 and 2

☐ Neither 1 nor 2

Answer Saved

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5. Enabling attribute routing in a .Net controller instance ✓

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You want to enable attribute routing in a .Net controller instance while creating a REST service using Web API 2.

In the given scenario, which of the following extension methods would you need to call to do so?

Answer Options

Select any one option

Clear Answer

☒ HttpAttributeRoutesMap

☐ HttpAttributeRoutes

☐ AttributeRoutes

☐ ListAttributeRoutes

Answer Saved

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1. The default route prefix

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What is the default route prefix for .Net Web API 2 when using convention-based routing?

Answer Options

Select any one option

Clear Answer

☐ /api/v1

☒ /api

☐ /v1/api

☐ /

Answer Saved

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2. Performing routing in .Net Web API

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You want to ensure that a method does not get invoked as an action, even if it matches the routing rules.

Which of these attributes should you use if you're performing routing in .Net Web API?

Answer Options

Select any one option

Clear Answer

☒ [NonAction]

☐ [NonAttribute]

☐ [NotAction]

☐ [ActionName("NULL")]

Answer Saved

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5. Adding a database context class ✓

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```
{
  app.UseDeveloperExceptionPage();
}

app.UseHttpsRedirection();

app.UseRouting();

app.UseAuthorization();

app.UseEndpoints(endpoints =>
{
  endpoints.MapControllers();
});
}
```

What can you use in place of **XXX** to further register the database context with the Dependency Injection (DI) container?

Answer Options

Select any one option

Clear Answer

☒ services.AddDbContext<TodoContext>(opt =>

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5. Adding a database context class ✓

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What can you use in place of **XXX** to further register the database context with the Dependency Injection (DI) container?

Answer Options

Select any one option

Clear Answer

☒ services.AddDbContext<TodoContext>(opt =>
opt.UseInMemoryDatabase("TodoList"));

☐ services.AddDbContext(opt =>
opt.UseInMemoryDatabase("TodoList"));

☐ services.AddDbContext<TodoContext>(opt =>
opt("TodoList"));

☐ None of these

Answer Saved

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4. An exception filter

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namespace ProductStore.Filters
{
using System;
using System.Net;
using System.Net.Http;
using System.Web.Http.Filters;

public class NotImplExceptionFilterAttribute : ExceptionFilterAttribute
{
public override void OnException(HttpActionExecutedContext context)
{
if (context.Exception is NotImplementedException)
{
context.Response = new HttpResponseMessage(HttpStatusCode.NotImplemented);
}
}
}
}

Which of the following is **TRUE** about the exception filter given above?

1. The filter converts NotImplementedException exceptions into HTTP status code 501.
2. The filter converts NotImplementedException exceptions into HttpResponseMessage type.

Answer Options

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3. An exception filter

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}

Which of the following is **TRUE** about the exception filter given above?

1. The filter converts NotImplementedException exceptions into HTTP status code 501.
2. The filter converts NotImplementedException exceptions into HttpResponseMessage type.

Answer Options

Select any one option

Clear Answer

☒ Only 1
☐ Only 2
☐ Both 1 and 2
☐ Neither 1 nor 2

Answer Saved

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4. Working with Delegates

Which of the following code snippets would successfully convert any expression into a delegate?

Answer Options

Select any one option [Clear Answer](#)

☒ Expression<Func<int>> subtract = () => 4 - 3;
var sub = subtract.Compile();
var result = sub();
Console.WriteLine(result);

☐ Expression<Func<int> subtract ()> => 4 - 3;
var sub = compile(subtract);
var result = sub();
Console.WriteLine(result);

☐ Either 1 or 2

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Answer Options

Select any one option [Clear Answer](#)

☒ Expression<Func<int>> subtract = () => 4 - 3;
var sub = subtract.Compile();
var result = sub();
Console.WriteLine(result);

☐ Expression<Func<int> subtract ()> => 4 - 3;
var sub = compile(subtract);
var result = sub();
Console.WriteLine(result);

☐ Either 1 or 2

☐ None of these

Answer Saved

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1. Lazy loading in entity framework

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Which of these statements regarding lazy loading in entity framework is/are **TRUE**?

1) Lazy loading and serialization mix well together
2) Lazy loading of the Enrollments collection can be turned off by making the Enrollments property virtual
3) Navigation property should be defined as public, virtual. Context will do lazy loading if the property is not defined as virtual

Answer Options

Select any one option

☐ 1,2

☐ 2,3

☒ 3

☐ None of these

Clear Answer

Answer Saved

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