Routing

When a controller and an action method both have a route attribute, the overall route template for the method is calculated by combining the two templates.

Attribute routes support the automatic replacement of the [action] and [controller] tokens in your attribute routes. These will be replaced with the name of the action and the controller

```
[Route("api/[controller]")]
                                                                 Token replacement happens
      public abstract class BaseController { }
                                                                 last, so [controller] is replaced
                                                                 with "car" not "base"
      public class CarController : BaseController
           [Route("[action]")]
                                                                           Combines and replaces
           [Route("ignition")]
                                                                           tokens to give the
           [Route("/start-car")]
                                                                          "api/car/start" template
           public IActionResult Start()
                                                       Combines and replaces
                                                       tokens to give the
                 /* method implementation*/
                                                       "api/car/ignition" template
           }
Does not combine with base attributes as
it starts with /, so remains as "start-car"
```

```
[ApiController]
[Route("api/cities/{cityId}/pointsofinterest")]
public class PointsOfInterestController : ControllerBase
    [HttpGet]
    O references | O requests | O exceptions
    public IActionResult GetPointsOfInterest(int cityId)
        var city = CitiesDataStore.Current.Cities
             .FirstOrDefault(c => c.Id == cityId);
        if (city == null)
        {
             return NotFound();
        return Ok(city.PointsOfInterest);
[HttpGet("{id}")]
O references | O requests | O exceptions
public IActionResult GetPointOfInterest(int cityId, int id)
    was city - Citia-DataStone Cumpant Citias
```

http://localhost:1028/api/cities/1/pointsofinterest/1