

## Middle .Net Core exam

### Task

1. Create a REST-API that wraps all the functionality in controllers/actions.
2. Implement the following functionality:
  - a. Import Orders list in XML-format file (is provided), parse it and save to DB (is provided)
  - b. Add order status as Processed/Unprocessed/Cancelled, by order id (“oxid”)
  - c. Set invoice number for order (integer), by order id
  - d. Send list of all orders from the DB (JSON format)
  - e. Provide filter functionality for finding orders, by order id.
3. Upload your solution to Git and provide a link.

### Notes

The task focuses on the correct architecture design, effective use of the existing libraries and accuracy of the implementation.

For the solution, please use these technologies: ASP Core .Net, Entity Framework, Swagger or Postman.

If there are unclear points, you may ask or assume what seems reasonable, just add a comment.

The project must be compilable and working.

Add comments only where it is needed for an understanding of your solution.