# Angular – Controllers, Filters, Directives and Factories

1. Explain how java programs can be divided up into smaller parts

In the past few projects in Java, we have been practicing using and implementing the 3 layer model. It is model that help maintain an wide and good overview of your code. You divide you code into 3 layers, the first one is backend information. In this layer you store all the database kind of code, and have separate packages and classes for it. The second layer, is the business logic layer. In this layer you write code that is important for you main purpose, ex. Information about your employees and customers. The last layers is the presentation layer. It could a html page. In this layer, your present your code to the customer or user of the program.

1. Explain different ways how java "parts" can be reused and included in many projects

By dividing your project into 3 parts, the code is not influenced by the other. In other words if you have an error you can safely repair it without breaking the other parts of the code. In previous project, we used a connector to connect to the database. In that class it have all that we should have to connect to a database. By that you can reuse that particular part code in another project.

1. Explain how Angular applications can be divided up into smaller parts

You can divide angular applications by having many controllers.