

Implement following portlet (JSR-286, Java Portlet API 2.0) using MySQL database and either:

- Spring Portlet MVC (<http://static.springsource.org/spring/docs/3.1.2.RELEASE/spring-framework-reference/html/portlet.html>)
- Vaadin Portlet (<https://vaadin.com/book/-/page/portal.html>)

Database specification:

- Operations table. Fields:
 - o Operation name
 - o Operation description (in any format)
- Operand table
 - o Operand A (Integer)
 - o Operand B (Integer)
 - o Result (Integer, any rounding algorithm)

Web-application specification:

- One page with 1 button
- Button starts execution process:
 - o Takes Operand A
 - o Takes Operand B
 - o Takes 1 ... N Operation
 - o Writes Result as [A operation B]
- Process stops when all rows in Operand table have Result.
- Table with Operand A, B and Result should be shown on page

Possible operations (implement at least one from this list):

- + (sum)
- / (divide)
- % (remainder of a division)
- ! (factorial)
- Any prime number between A and B

Result should be sent to slava@tallink.ee. It should be a zip archive with:

- o Java source code
- o Web-app XML configuration files
- o Database structure in SQL file (including INSERT with all supported operations)