

INGÉ1 - UNIX

LAB 7 – Shell Programming (bash) (Part 1)

ESME Bordeaux-Lille-Lyon-Paris

Exercise 1 : Parameters

Q1. Write a script `analyse.sh` that displays:

```
Hello, you entered <number of parameters> parameters.  
The name of the script is <script name>.  
The 3rd parameter is <3rd parameter name>.  
Here is the list of parameters: <list of parameters.>.
```

where `<number of parameters>`, `<script name>`, `<3rd parameter name>` and `<list of parameters.>` depend on the arguments passed to the script.

Exercise 2

Q1. Create a Bash script that models a calculator. The script must take three parameters as input. The first and third parameters are numbers. The second parameter must be one of the operators `+`, `-`, `*`, `/`.

Q2. Propose an alternative approach to take these inputs using the **read** command.

Q3. Enhance this calculator to handle decimal numbers and provide a decimal result.