BACK END TECHNICAL TEST

Simple Interest microservice:

Create a microservice with spring-boot that calculate and generates the list of payments of the simple interest of a credit that must be paid in n terms and in weekly form:

Input: {

"amount": Double,

"terms":Integer,

"rate":Double

}

Output: {

  [

      {

      "payment_number":Integer,

      "amount": Double,

      "payment_date":Date

      }

      …

  ]

}

The max terms (weeks) were the payment can be paid is 52, the minimum should be 4.

The rate should bigger than 1%, lesser than 100%.

The amount should be more than $1.00, the max should be lesser than $999,999.00

The response should be expressed as an array of objects.

Must Be:

- Containerized with docker.

- storing the data [request and response] in a h2 database.

It's a Plus:

- having /health endpoint.

- at least 50% coverage

To complete the exam you must send a GitHub repository link with the code