Assignment #1: Spring REST API

Assignment

Create a REST web service using the following technology stack:
- Java 8+
- Maven or Gradle
- Git
- Spring Boot + Spring MVC
- Data persistence technology of your choice
- Postgres database

The outcome of this assignment should be a simple REST service that manages a list of products. Project README must include steps for setting up the local environment. Project should be delivered as a link to the source repository (Github, Bitbucket, etc.).

The work should contain the following parts:
- Product model
- REST CRUD (Create, Read, Update, Delete) API for Product
  - price in USD should be calculated by calling [HNB API](HNB API)

Model

Product
- id (autogenerated)
- code (unique) (exactly 10 characters)
- name
- price_eur (>= 0)
- price_usd (>= 0)
- description
- is_available (boolean)