SDET Code Challenge

As part of a testing framework, we need a method to externalize some of our test data to a REST HTTP service that can generate a random address. As a member of the test engineering team, you are expected to implement the service following the technical specifications described below and push the service to any public source like GitHub for the team's review.

Note that the address does NOT have to be logically/shipping valid up to a country level. However, it is supposed to be in a human-readable country mailing format. As an example, "532 Union St., Apt 72, San Diego, NY, 789302" is acceptable even though this address won't pass USPS validation.

In addition, limit the set of countries to 4:

US
Canada
Mexico
Netherlands

*The response must be in a human-readable format such as JSON, XML, YAML, TOML, etc. The implementation should follow best development practices and should **preferably** be a Java + Spring Boot solution, but you may if needed, choose another object-oriented language that you are familiar with.*

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Technical details:

Endpoint:
GET /randomizer/address

Return object definition:

house	String	House or street number.
street	String	Street name (in practice may also contain street number).
postalCode	String	An alphanumeric string included in a postal address to facilitate mail sorting (a.k.a. post code, postcode, or ZIP code).
City	String	The name of the primary locality of the place.
county	String	A division of a state; typically a secondary-level administrative division of a country or equivalent.
state	String; optional	A division of a country; typically a first-level administrative division of a country and/or a geographical region.
stateCode	String; optional	A code/abbreviation for the *state* division of a country.
country	String; optional	The localised country name.
countryCode	String (ISO 3166-1 alpha-3 code)	A three-letter country code.