---

openapi: 3.0.4

info:

 version: "1.0"

 title: Prime factorization API

paths:

 /primes:

 post:

 requestBody:

 description: The numbers to be factorized

 content:

 application/json:

 schema:

 $ref: "#/components/schemas/InputNumbers"

 responses:

 200:

 description: Returns the prime factors of the sumbitted values

 content:

 application/json:

 schema:

 $ref: "#/components/schemas/PrimeFactorization"

servers:

 - url: http://localhost:8080

components:

 schemas:

 InputNumbers:

 type: object

 required:

 - input\_numbers

 properties:

 input\_numbers:

 type: array

 minItems: 1

 items:

 type: integer

 maximum: 1000

 minimum: 1

 PrimeFactorization:

 type: object

 required:

 - result

 properties:

 result:

 type: array

 minItems: 1

 items:

 type: object

 required:

 - input\_number

 - prime\_factors

 properties:

 input\_number:

 type: integer

 minimum: 1

 maximum: 1000

 prime\_factors:

 type: array

 items:

 type: integer

 minimum: 1

 maximum: 1000