Task: Bidding

Implement a simple web service with two endpoints.

Implement this in either Java, JavaScript, or Python. For this task it's enough to store the configuration in memory. Don't worry about persistence or anything complicated.

`/config`

This endpoint is used to configure the service. This endpoint will be called with two parameters, an id in `id` and a comma-separated list of segments in `seg`.

For example:

```
$ curl http://$HOST:$PORT/config?id=a&seg=a1,c1
$ curl http://$HOST:$PORT/config?id=b&seg=b1,c1
$ curl http://$HOST:$PORT/config?id=c&seg=
```

This endpoint should store the id associated with its segments in memory. In case the id is already associated with segments, overwrite the old segments.

An id and segments together represent a campaign. Ids are arbitrary strings. Segments are alphanumeric. The list of segments can be empty.

`/bid`

This endpoint is used to find campaigns (i.e. their ids) matching a list of segments. This endpoint will be called with one parameter, a comma-separated list of segments in `seg`. This endpoint should return a comma-separated list of matching ids.

An id is said to match if all of its associated segments are present in the request.

For example (following the example for `/config`):

```
$ curl http://$HOST:$PORT/bid?seg=a1,c1
a,c
$ curl http://$HOST:$PORT/bid?seg=d1,c1
c
$ curl http://$HOST:$PORT/bid?seg=a1,b1,c1
a,b,c
```

Test Cases

Empty segments:

```
$ curl http://$HOST:$PORT/config?id=a&seg=
$ curl http://$HOST:$PORT/bid?seg=
a
$ curl http://$HOST:$PORT/bid?seg=a,b
a
```

Simple cases:

```
$ curl http://$HOST:$PORT/config?id=a&seg=a
$ curl http://$HOST:$PORT/config?id=b&seg=b
$ curl http://$HOST:$PORT/bid?seg=

$ curl http://$HOST:$PORT/bid?seg=a
a
$ curl http://$HOST:$PORT/bid?seg=b
b
$ curl http://$HOST:$PORT/bid?seg=a,b
a,b
$ curl http://$HOST:$PORT/config?id=c&seg=a,c
$ curl http://$HOST:$PORT/bid?seg=a,c
a,c
$ curl http://$HOST:$PORT/bid?seg=a,b,c
a,b,c
```

Overwriting:

```
$ curl http://$HOST:$PORT/config?id=a&seg=a
$ curl http://$HOST:$PORT/bid?seg=a
a
$ curl http://$HOST:$PORT/bid?seg=b

$ curl http://$HOST:$PORT/config?id=a&seg=b
$ curl http://$HOST:$PORT/bid?seg=a

$ curl http://$HOST:$PORT/bid?seg=b
a
```