To get output from the Pokémon Battle Simulator using the URL <https://pokemon-battle-sim.herokuapp.com> you can interact with the deployed APIs by sending HTTP requests. Below are examples of how to use each API endpoint to get the desired output.

1. List Pokémon with Pagination

You can retrieve a paginated list of Pokémon using the following request:

**Request:**

curl -X GET

<https://pokemon-battle-sim.herokuapp.com/api/pokemons?page=1&per_page=10>

**Output:**

[

"bulbasaur",

"ivysaur",

"venusaur",

"charmander",

"charmeleon",

"charizard",

"squirtle",

"wartortle",

"blastoise",

"caterpie"

]

This command will return the first 10 Pokémon in the list.

**2. Start a Pokémon Battle**

To initiate a battle between two Pokémon, use the following request:

**Request:**

curl -X POST "https://pokemon-battle-sim.herokuapp.com/api/battle" \

-H "Content-Type: application/json" \

-d '{

"pokemon\_a": "pikachu",

"pokemon\_b": "bulbasaur"

}'

**Output:**

{

"battle\_id": "123e4567-e89b-12d3-a456-426614174000"

}

This response will give you a battle\_id, which you can use to check the status of the battle.

**3. Check Battle Status**

To check the status of a battle using the battle\_id received from the previous step:

**Request:**

curl -X GET <https://pokemon-battle-sim.herokuapp.com/api/battle/123e4567-e89b-12d3-a456-426614174000>

**Outputs:**

**In Progress:**

{

"status": "BATTLE\_INPROGRESS",

"result": null

}

**Completed:**

{

"status": "BATTLE\_COMPLETED",

"result": {

"winnerName": "pikachu",

"wonByMargin": 20.5

}

}

**Failed:**

{

"status": "BATTLE\_FAILED",

"result": null

}

**Steps to Execute These Commands**

* Using Terminal (cURL):
  + Open your terminal.
  + Copy and paste the curl commands above to execute them.
* Using Postman:
  + Open Postman.
  + Create a new request for each API endpoint.
  + Set the appropriate method (GET or POST).
  + For the POST request, choose the "Body" tab and select "raw", then set the type to "JSON" and paste the JSON body.
* Using Python (Requests Library):

Following’s how you could do it in Python:

