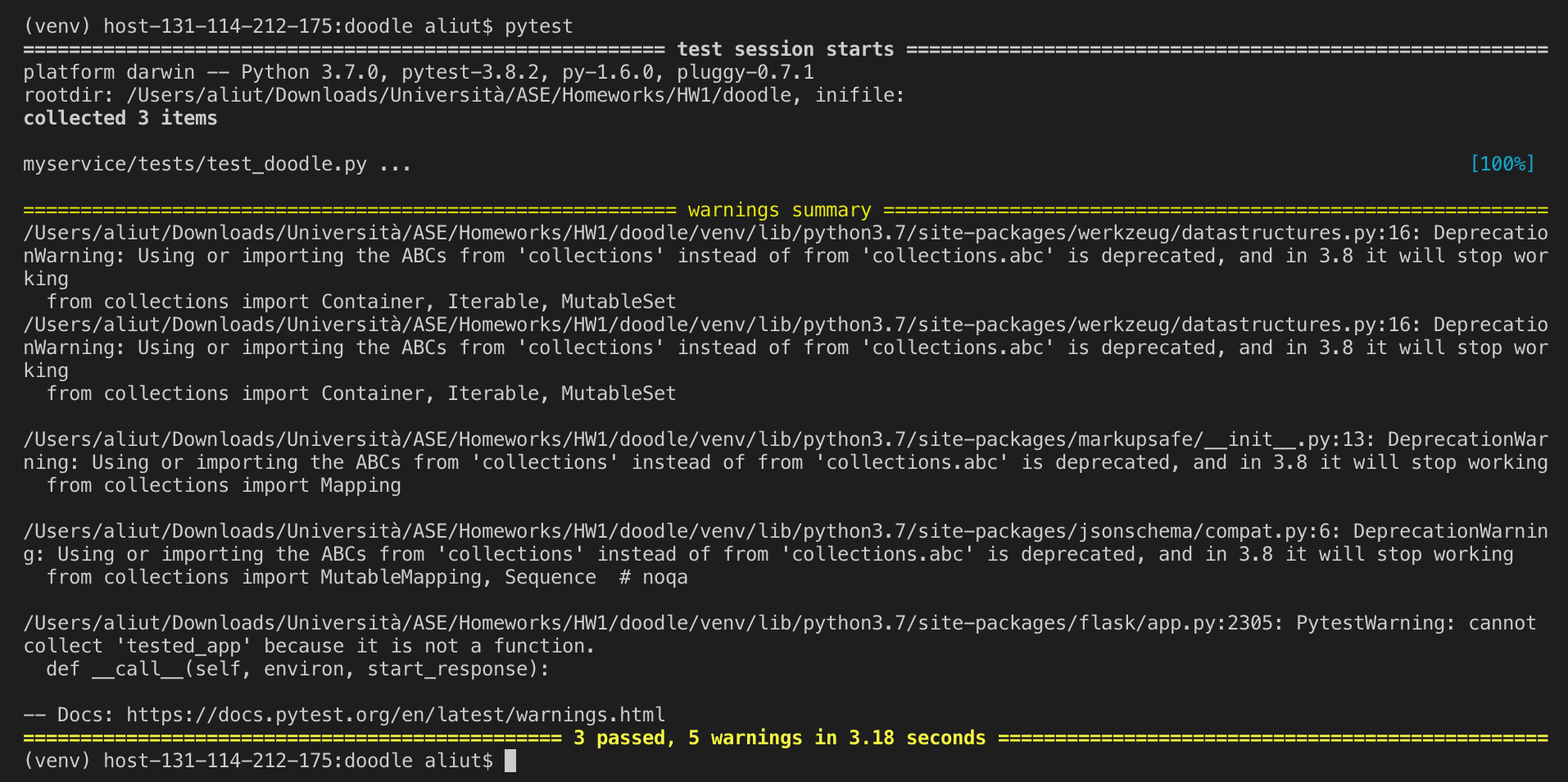
GitHub: https://github.com/a-liut/ase-fall-18

Description:

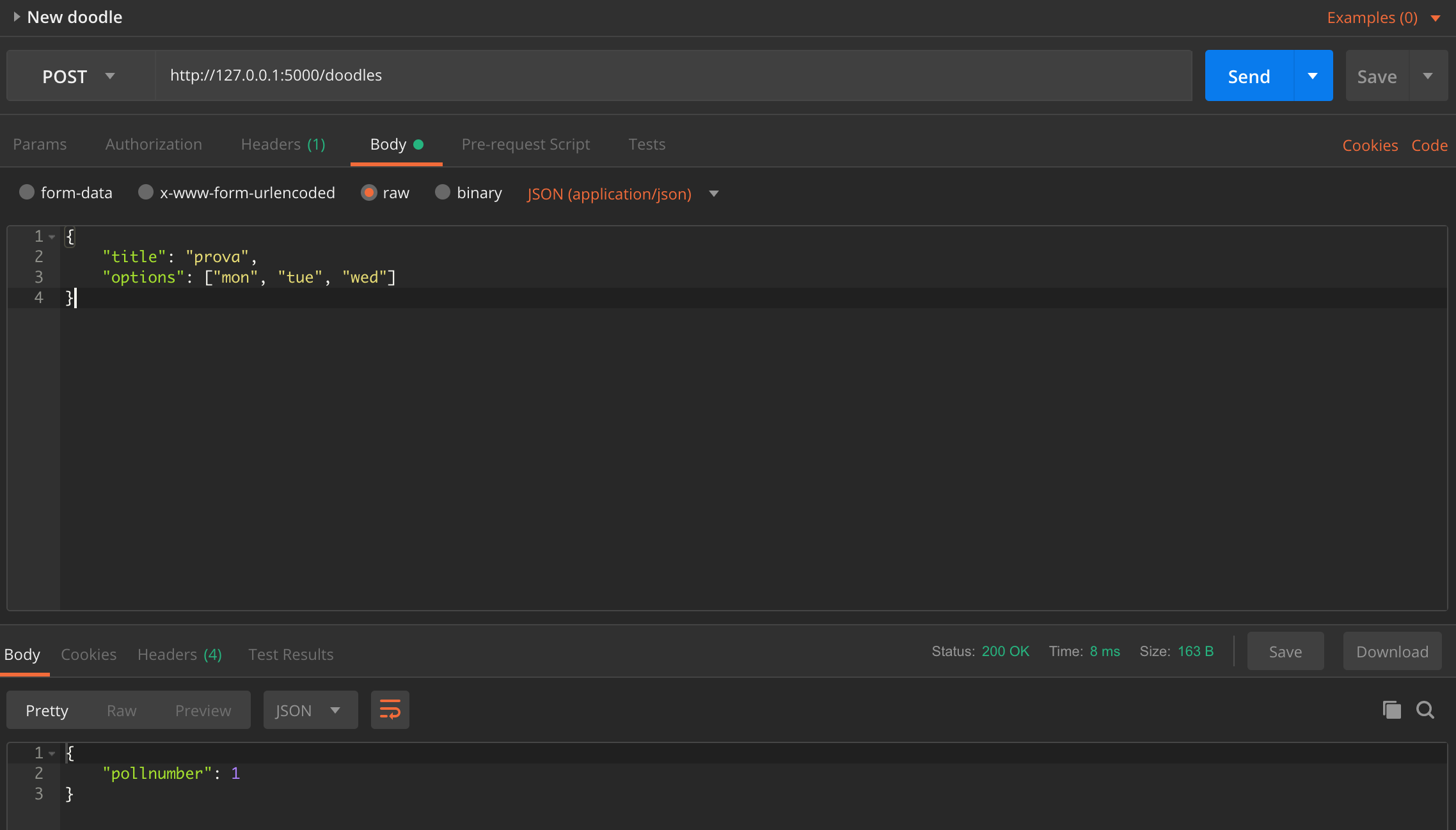
The \_ACTIVEPOLLS dictionary contains all the Poll objects and represents active polls. The dictionary itself and the \_POLLNUMBER counter guarantee the uniqueness of the polls.

1. *all\_polls()*: handles operations over the entire collection of polls. It implements ‘/doodles’ endpoint handling the following HTTP methods:
   1. GET: returns the list of currently active polls
   2. POST: create a new poll reading data from the JSON body of the request and add the new object to the \_ACTIVEPOLLS dictionary using the \_POLLNUMBER counter as index.
2. *single\_poll(id)*: handles operations on a single poll. The endpoint decoration converts the id into an integer and allow the following HTTP methods:
   1. GET: simply returns the JSON representation of the poll at position *id* in the \_ACTIVEPOLLS dictionary.
   2. DELETE: removes from the \_ACTIVE\_POLLS dictionary the poll at position id using *pop* method.
   3. PUT: handles the vote operation on a specific poll implemented by the function vote which simply read from the request the person who vote and the option and update the Poll instance. If the option doesn’t exist, a NonExistingOptionException is thrown and the service reply with status code 422, as the client provided syntactically correct but invalid data to be processed by the service.
3. *person\_poll(id, person)*: handles operations over a poll done by a person. The endpoint decoration converts id to an integer and the person identifier as a string. The allowed HTTP methods are:
   1. GET: returns a (jsonified) dictionary with the voted options by the selected person
   2. DELETE: returns a (jsonified) dictionary whose key ‘removed’ is set to True whether the votes of the selected person have been removed.

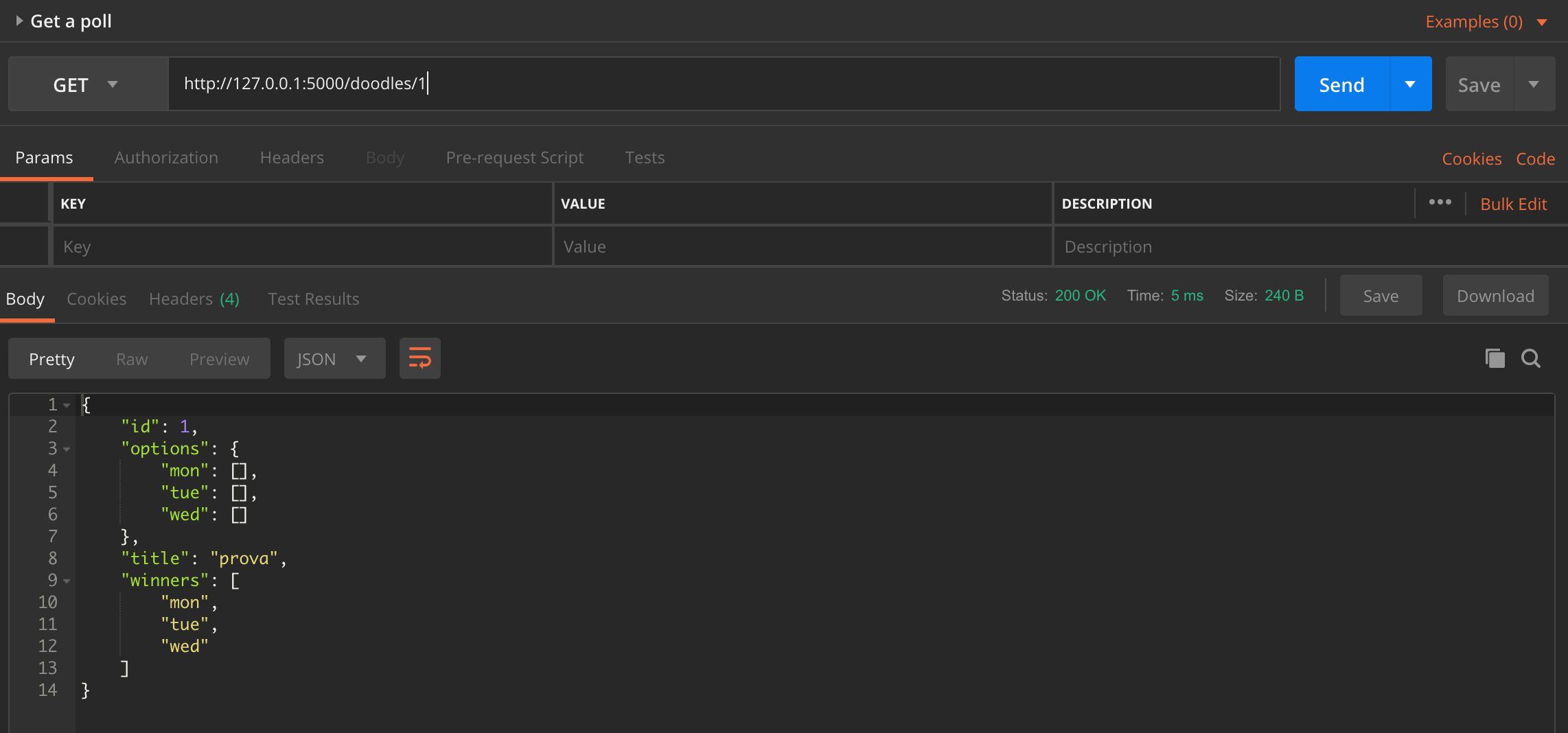
Pytest result:



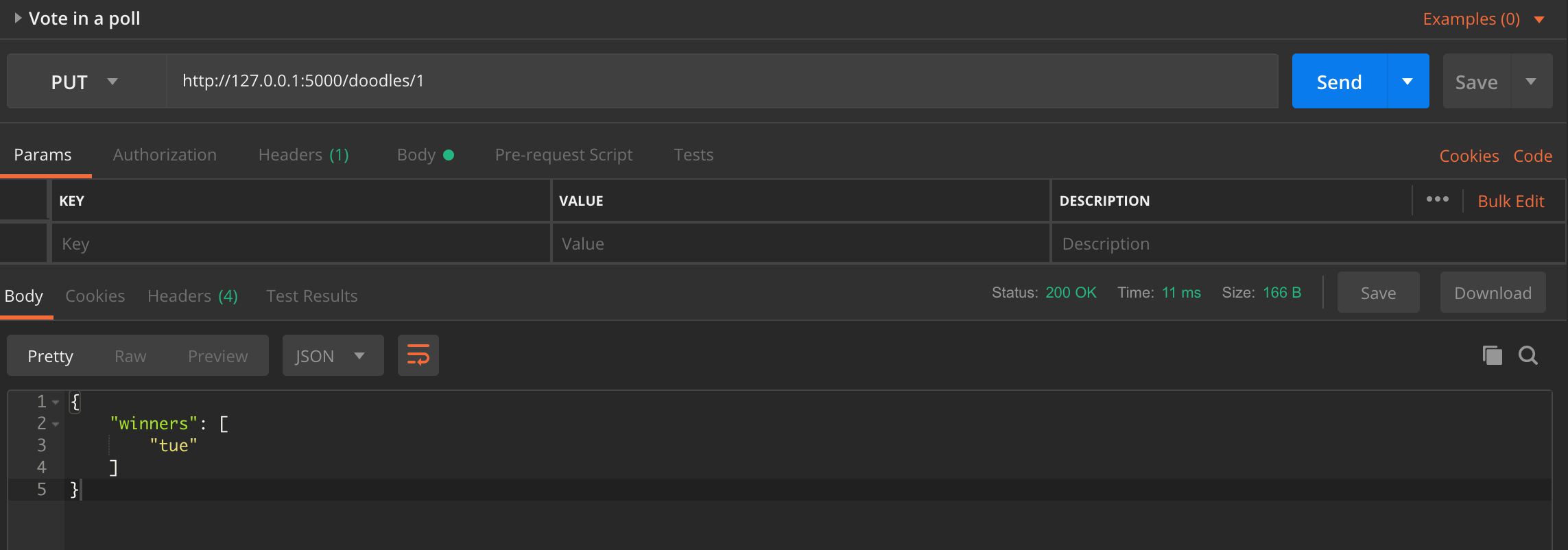
POST /doodles



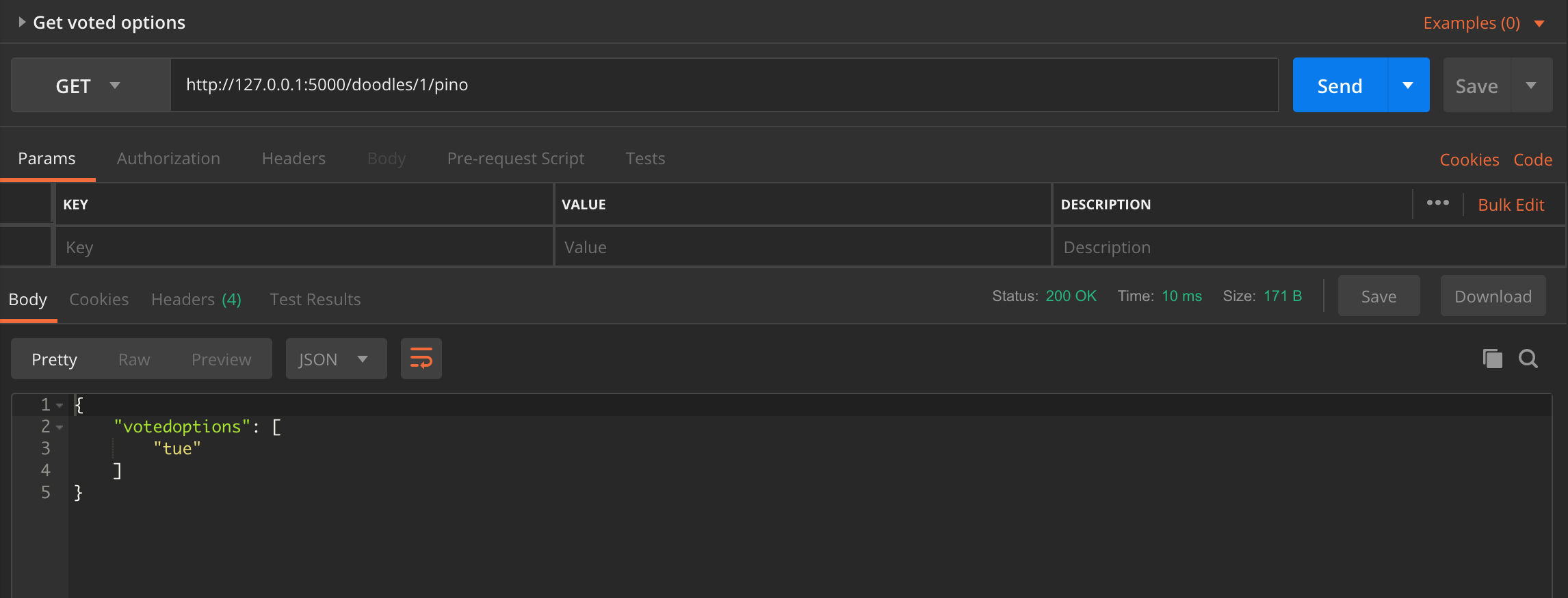
GET /doodles/<id>



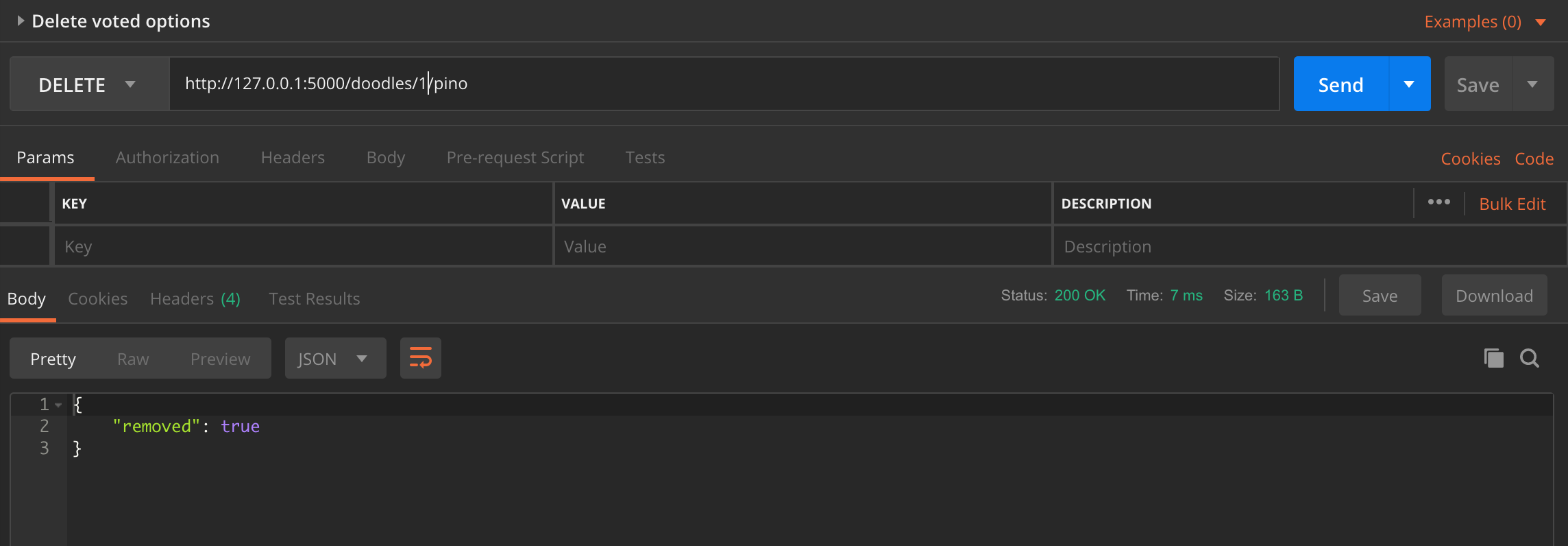
PUT /doodles/<id>



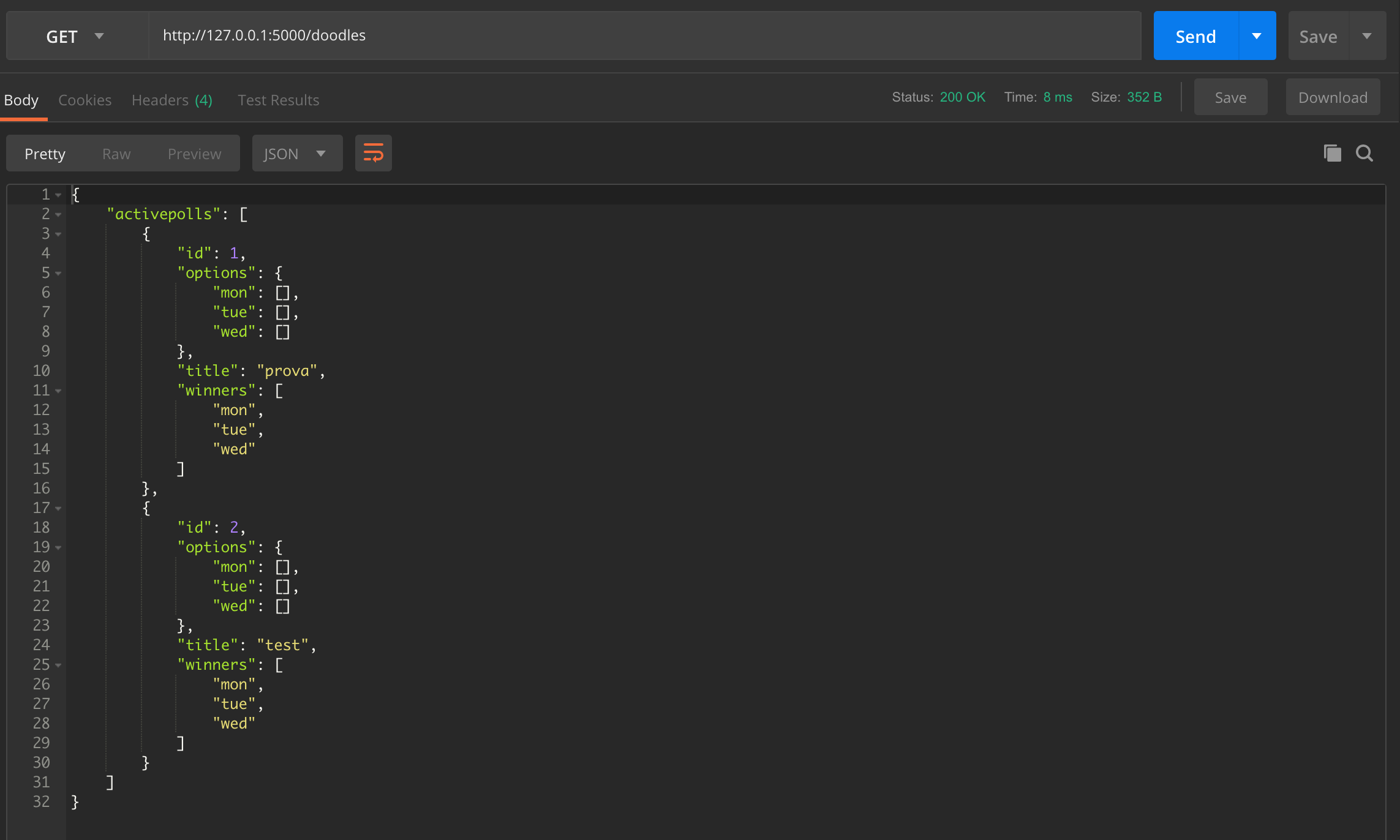
GET /doodles/<id>/<person>



DELETE /doodles/<id>/<person>



GET /doodles



DELETE /doodles/<id>

