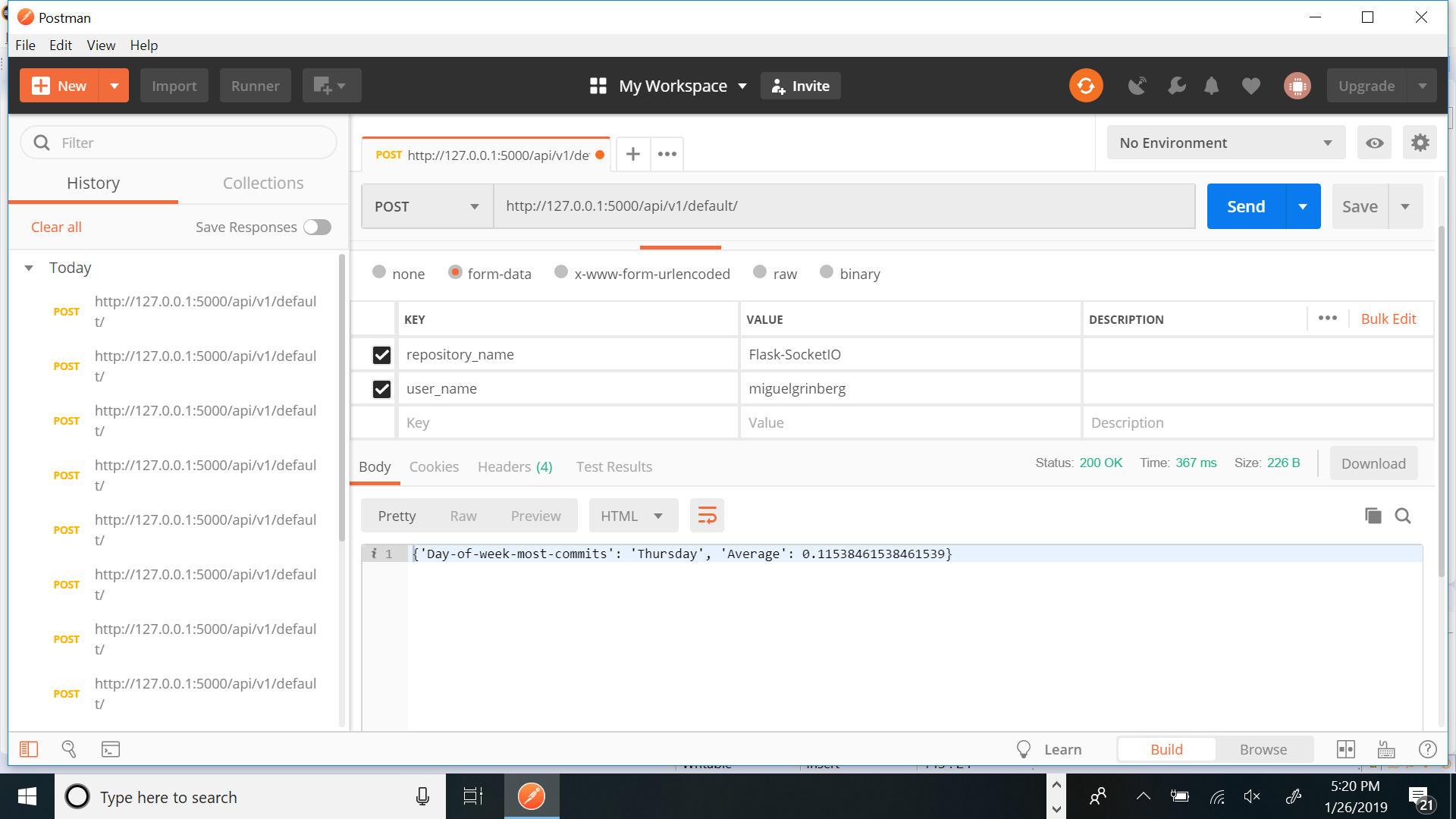
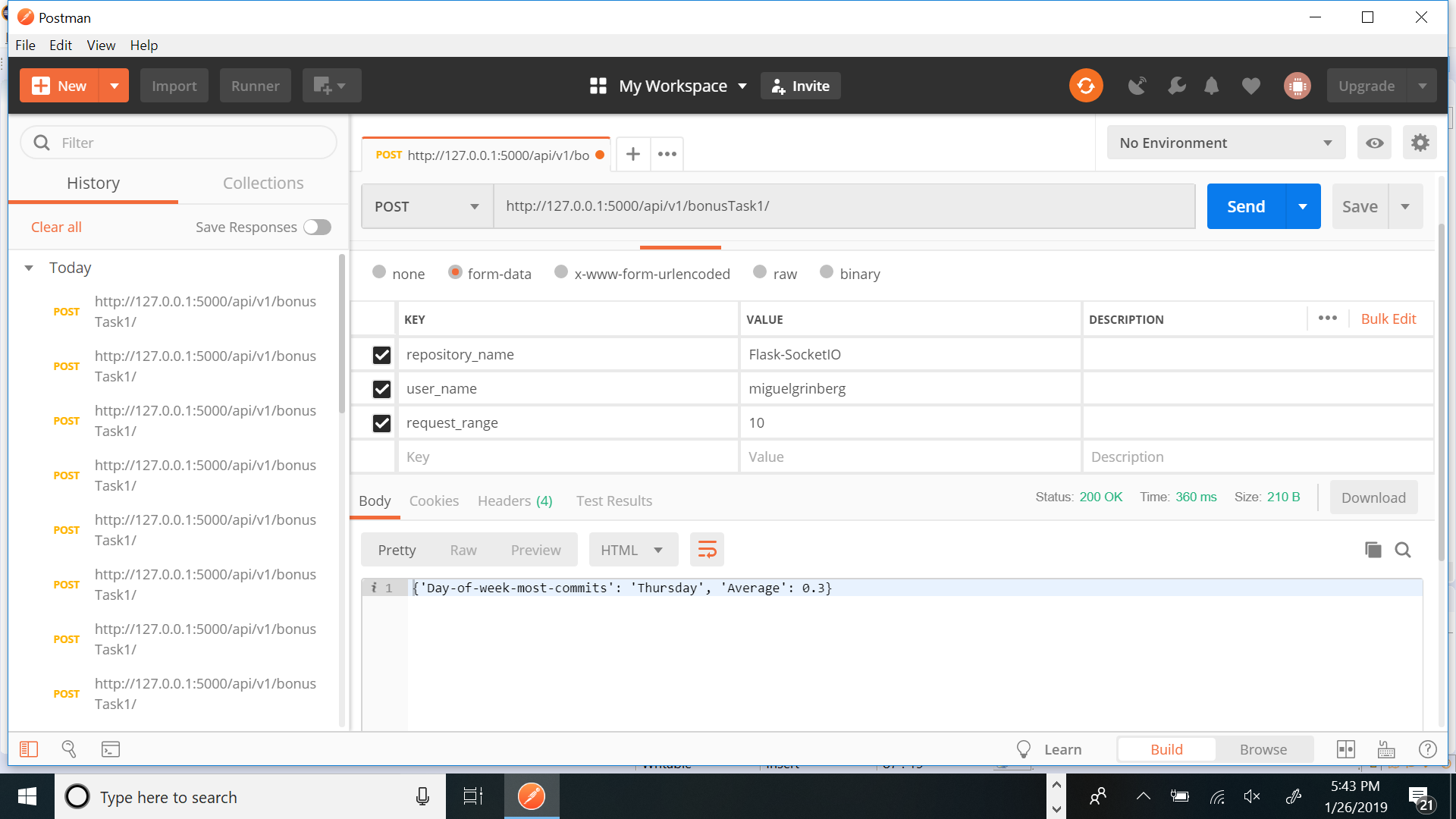
**TEST CASES**

**Default case:**



Bonus1:



Bonus2:

