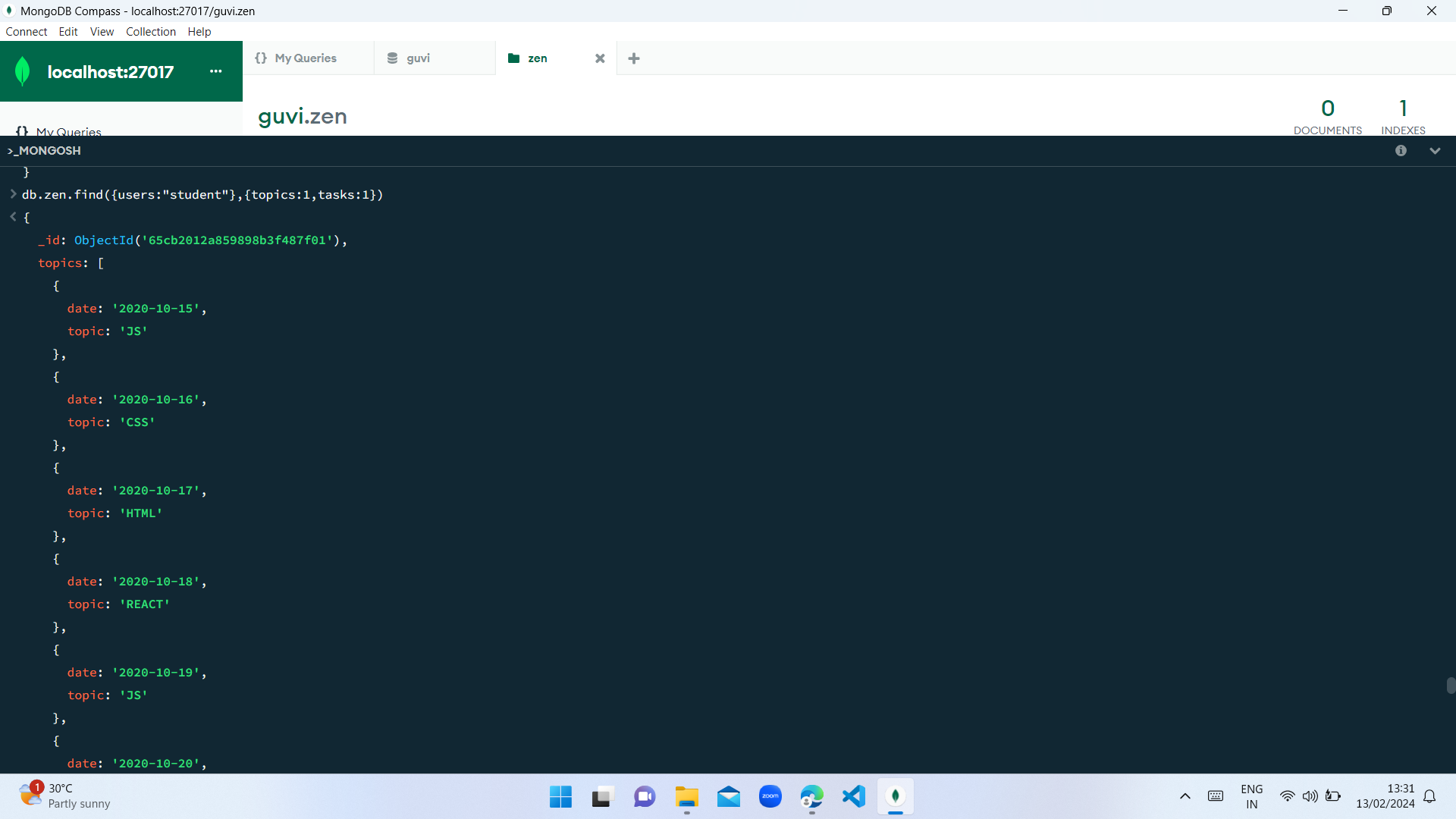
**Design database for Zen class programme**

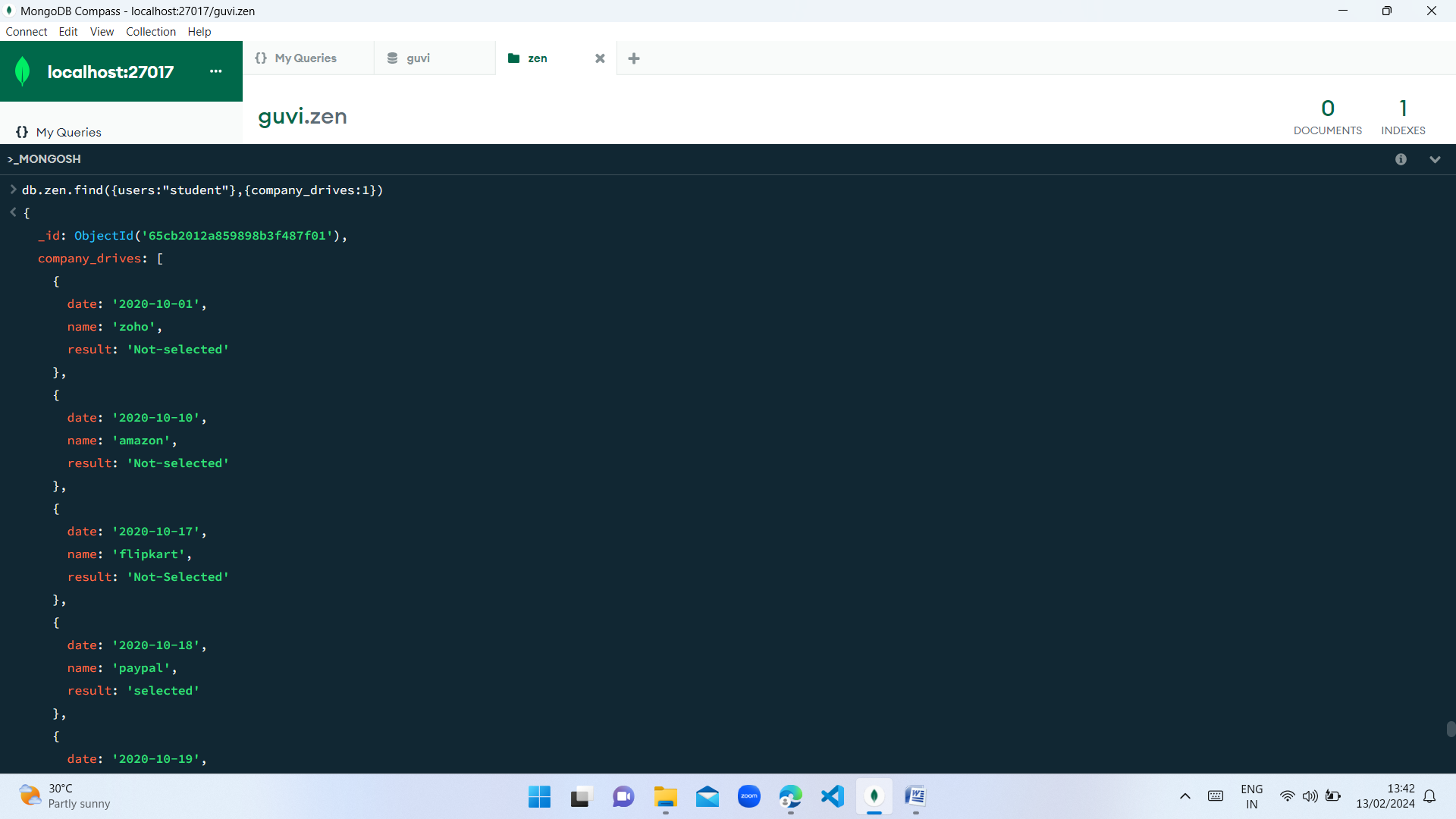
1. Find all the topics and tasks which are thought in the month of October

Answer: db.zen.find({users:”student”},{topics:1,tasks:1})



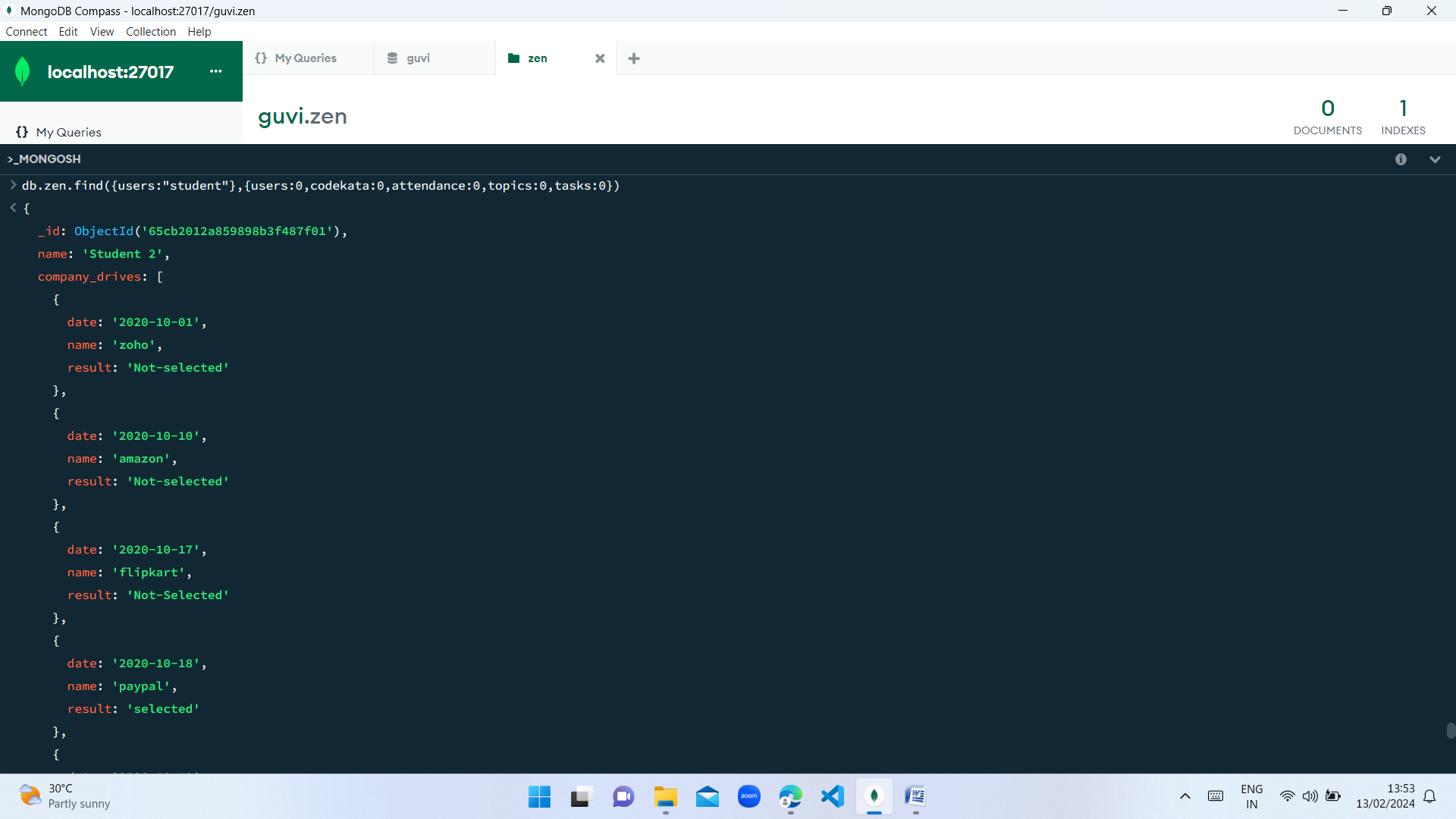
1. Find all the company drives which appeared between 15 oct-2020 and 31-oct-2020

Answer: db.zen.find({users:"student"},{company\_drives:1})



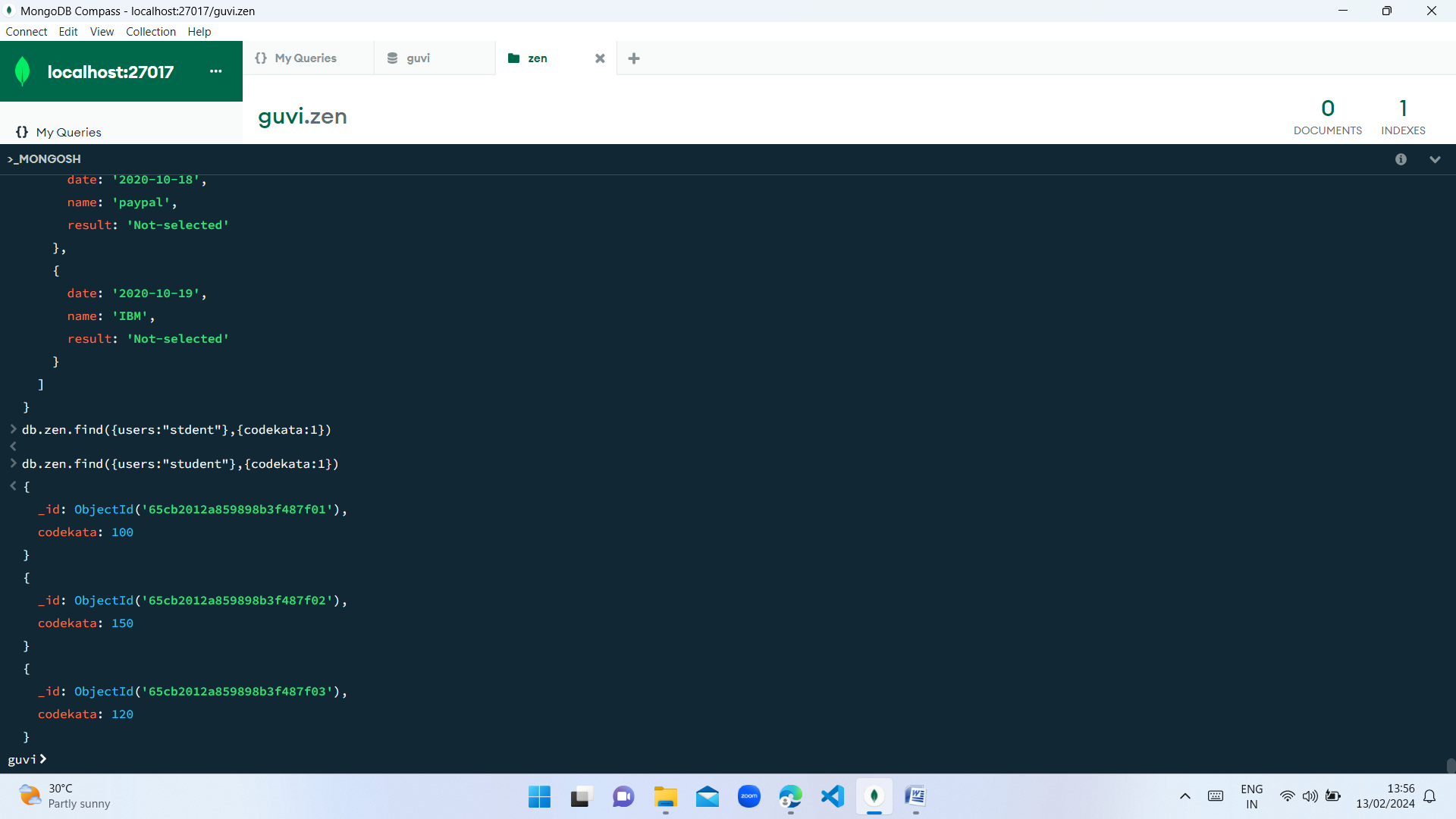
1. Find all the company drives and students who are appeared for the placement

Answer:db.zen.find({users:”student”},{users:0,codekata:0,attendance:0,topics:0,tasks:0})



1. Find the number of problems solved by the user in codekata

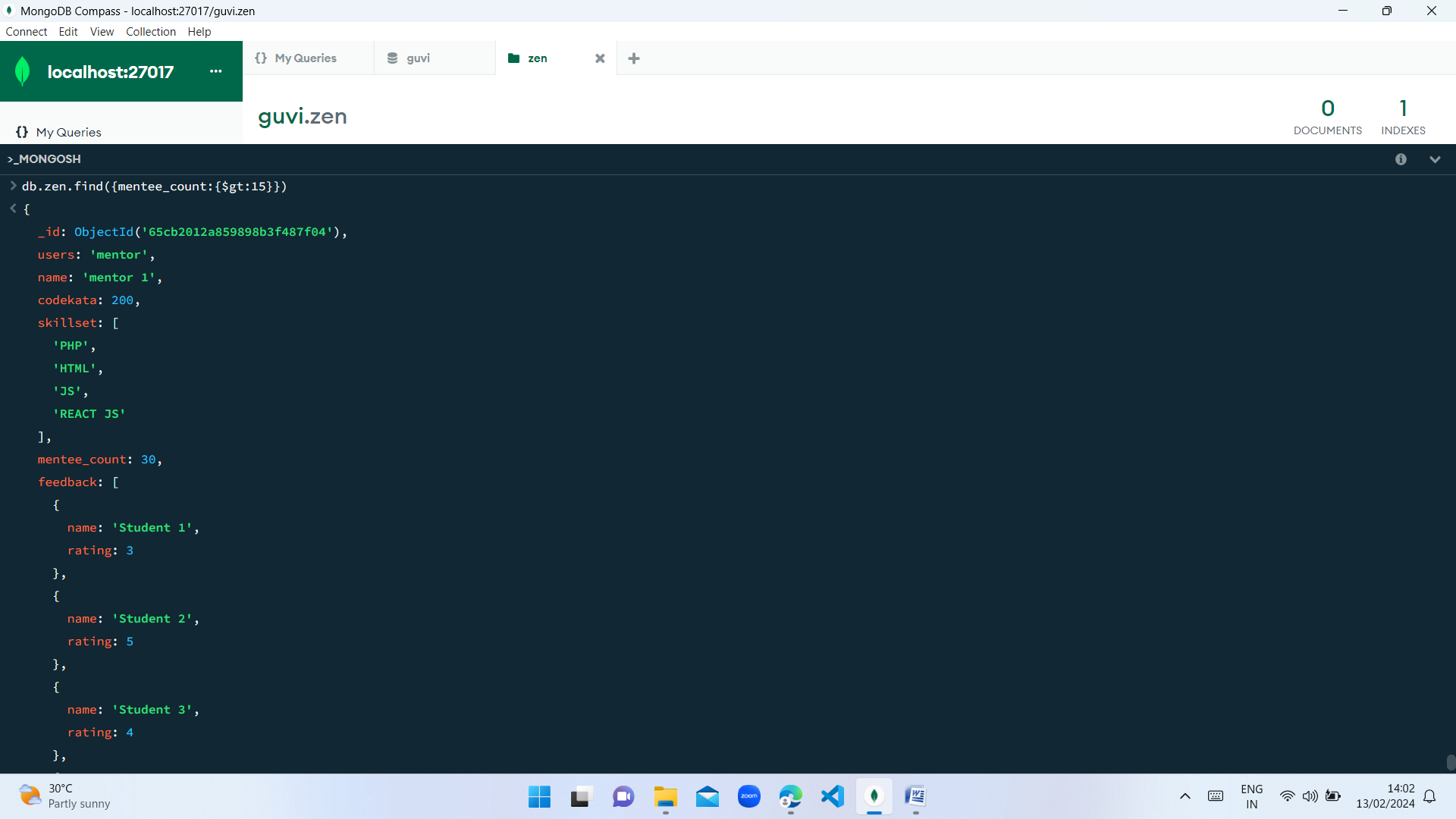
Answer:db.zen.find({users:”student”},{codekata:1})



1. Find all the mentors with who has the mentee's count more than 15

Answer: db.zen.find({mentee\_count:{$gt:15}})

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1. Find the number of users who are absent and task is not submitted  between 15 oct-2020 and 31-oct-2020

Answer: db.zen.find({users:"student"},{attendance :{ $elemMatch : {status : "absent"}}},{tasks : { $eq: { task :"false" }}})

