

Project Presenter Name: Jackson Ginn
Student Name: Jackson Ginn

Scope: District 83, Java

Available Data: District, personal info, contact info, address, committee assignments, sponsored bills, voting record

Data in program: District, personal info, contact info, address, committee assignments

Code Organization

PA1: Uses exceptions to handle non-number inputs

PA2: Uses InfoSets and serializes them

PA3: Deserializes InfoSets and uses regex for queries

PA4: Deserializes InfoSets and uses Levenshtein distance for queries

PA5: Nothing significant

PA6: Uses Levenshtein distance for queries

```
Hello! What are your questions about the rep?  
where does the rep live  
Home address:  
Home Address  
P.O. Box 7927  
North Augusta 29861  
how to contact my rep  
Contact information:  
Columbia Address  
416A Blatt Bldg.  
Columbia 29201  
Business Phone (803) 212-6898  
Home Address  
P.O. Box 7927  
North Augusta 29861  
Home Phone (803) 278-0892  
what committees is my rep on  
Committee assignments:  
Committee Assignments  
Agriculture, Natural Resources & Environmental Affairs, 2nd V.C.  
Legislative Oversight  
testing invalid query  
Your query was not understood.  
what district do you support  
District 83: Aiken and Edgefield Counties  
wahtt disbetrrickt dooo u supporttt  
Your query was not understood.  
quit  
Goodbye.
```

Video link:

<https://drive.google.com/file/d/1nSvTDFCeypd1VkaqiYXxn7ry0-uIRXCq/view?usp=sharing>

I worked through some challenges when I was designing my chatbot, but I learned from them.

When testing my chatbot, I made sure to use both supported and not supported inputs.