

Carter Mooring
HW8 Write Up
CPSC 321 Databases
Nov. 24th, 2020

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[cmooring@ada:~/CPSC321/hw8-CarterKekoa$ javac hw8.java
[cmooring@ada:~/CPSC321/hw8-CarterKekoa$ java hw8
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):1
Canada, CA
A, UA
B, UB
C, UC
D, UD
E, UE
F, UF
United States of America, USA
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):2
Country code.....:MEX
Country name.....:Mexico
Country per capita gdp (USD):50678
Country inflation (pct).....:4.5
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):1
Canada, CA
Mexico, MEX
A, UA
B, UB
C, UC
D, UD
E, UE
F, UF
United States of America, USA
```

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United States of America, USA
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):3
Number of countries to display: 4
Minimum per capita gdp (USD)..: 2
Maximum inflation (pct).....: 10000000
United States of America (USA), 2.054E7, 1.4
Canada (CA), 100000.0, 2.3
F (UF), 60000.0, 6.0
Mexico (MEX), 50678.0, 4.5
```

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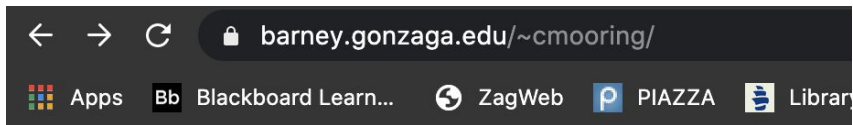
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):4
Country code: UE
Country per capita gdp (USD)...: 34256
Country inflation (pct).....: 1.3
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):3
Number of countries to display: 3
Minimum per capita gdp (USD)...: 34255
Maximum inflation (pct).....: 1.4
United States of America (USA), 2.054E7, 1.4
E (UE), 34256.0, 1.3

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1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
Enter your choice (1-5):5
cmoothing@ada:~/CPSC321/hw8-CarterKekoa$

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Index of /~cmoothing

Name	Last modified	Size	Description
 Parent Directory		-	
 config.properties	24-Nov-2020 15:03	91	
 hw6.sql	24-Nov-2020 15:03	9.6K	
 hw8.class	24-Nov-2020 15:03	4.2K	
 hw8.java	24-Nov-2020 15:03	4.4K	
 hw8input.php	24-Nov-2020 15:03	1.0K	
 hw8output.php	24-Nov-2020 15:03	2.5K	

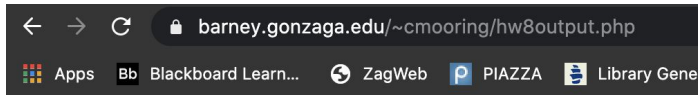
Apache/2.2.15 (Red Hat) Server at barney.gonzaga.edu Port 443

HW 8 Input

HW 8 Input

✓ Mexico

- A
- B
- C
- D
- E
- F
- United States of America



HW 8 Output

Country name: United States of America

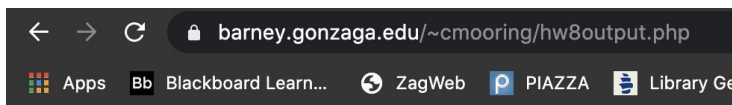
Country gdp: 20540000

Country inflation: 1.40%

Number of provinces: 1

City Name | Province Name | Population

Seattle	Washington	744955
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HW 8 Output

Country name: A

Country gdp: 10000

Country inflation: 3.00%

Number of provinces: 3

City Name | Province Name | Population

11	a1	1100
12	a1	12000
13	a1	130

2) There were various problems with this assignment that I ran into. The main issue however was really understanding how everything interconnected with one another. There were many moving parts that communicated in different places. To start I was unsure if my database values were useful to pull off what I was trying to do. This caused me to first work on hw6 for a while and have it be a part of my new files but I later realized this was unnecessary. The java files were able to use the database on sql and even interact with it which was cool to see first hand and also fairly easy. This screen took me a bit to figure out how these pieces actually worked and why it was able to add. To be honest I thought that just part 1 would suffice for a hw assignment on its own. Then came part 2 which was very cool to see work. I have been using databases in some other classes and have seen the dynamic work before. The database connection was basically the same though which was easy. Only converting to php to perform similar tasks to what java did was a bit difficult. The notes served to be a useful resource and I was able to generate a poor but powerful database connection.