

Katie Stevens

CPSC 321 Database Management Systems

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### Part 1: Basic Dynamic SQL Practice

```
kstevens3@ada:~/hw9$ python hw9-pt1.py
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): _
```

Lists Countries

```
Enter your choice (1-5): 1
Antarctica (AQ)
Poland (PL)
Russia (RU)
Ukraine (UA)
United States of America (US)
```

Adds Country to Database (Added Japan)

```
Enter your choice (1-5): 2
Country code.....: JP
Country name.....: Japan
Country per capita gdp (USD): 5
Country inflation (pct).....: 10
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
Antarctica (AQ)
Japan (JP)
Poland (PL)
Russia (RU)
Ukraine (UA)
United States of America (US)
```

Find Countries based on GDP and Inflation

```
Enter your choice (1-5): 3
Number of countries to display: 5
Minimum per capita gdp (USD)...: 4
Maximum inflation (pct).....: 10
Poland (PL), 33321, 2.1
Russia (RU), 31000, 4.4
Ukraine (UA), 12810, 7.9
Japan (JP), 5, 10.0
```

#### Update Country's GDP and Inflation

```
5. EXIT
Enter your choice (1-5): 4
Country code.....: JP
Country per capita gdp (USD): 0
Country inflation (pct).....: 0
1. List countries
2. Add country
3. Find countries based on gdp and inflation
4. Update country's gdp and inflation
5. Exit
```

#### Exits

```
5. EXIT
Enter your choice (1-5): 5
kstevens3@ada:~/hw9$
```

2) I had issues with how I wrote my query. I did not put a space at the end of the line when adding it to another line and it caused some issues.

## Part 2: Basic HTML SQL Practice

input.php

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# CIA World Factbook

Choose a country:

- Antarctica
- Japan
- Poland
- Russia
- Ukraine
- United States of America

Output.php

# Poland (PL)

gdp: 33321  
inflation: 2.0999999046326  
Number of provinces: 3

City Name	Province Name	City Population
Gdansk	Pomerania	475000
Krakow	Lesser Poland	779966
Wroclaw	Lower Silesian	690000