

## 1. Invoices per Country

A business is analyzing data by country. For each country, display the country name, total number of invoices, and their average amount. Format the average as a floating-point number with 6 decimal places. Return only those countries where their average invoice amount is greater than the average invoice amount over all invoices.

### Schema

There are 4 tables: country, city, customer, invoice.

country		
Name	Type	Description
id	int	This is a primary key
country_name	varchar(128)	The name of the country

city		
Name	Type	Description
id	int	This is a primary key

Language MySQL

Autocomplete not supported

```
1  /*
2  Enter your query below.
3  Please append a semicolon ";" at the end of the query
4  */
5
6
7
```

### Test Results

Run Query Submit

Line: 6 Col: 1

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### ▼ Schema

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Name	Type	Description
id	int	This is a primary key
country_name	varchar(128)	The name of the country

city		
Name	Type	Description
id	int	This is a primary key
city_name	varchar(128)	Name of the city

Language MySQL

Autocomplete not supported

```
1 /*  
2 Enter your query below.  
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4 */  
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6  
7
```

Line: 6 Col: 1

### Test Results

Run Query Submit

customer		
Name	Type	Description
id	int	This is a primary key
customer_name	varchar(255)	Name of the customer
city_id	int	Foreign key referencing city.id
customer_address	varchar(255)	Customer's address
contact_person	varchar(255)	Can be NULL
email	varchar(128)	Email address
phone	varchar(128)	Phone number
is_active	int	Boolean

invoice		
Name	Type	Description
id	int	This is a primary key
invoice_number	varchar(255)	Invoice number
customer_id	int	Foreign key referencing customer.id

Language MySQL

Autocomplete not supported ⓘ

```
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4 */  
5  
6  
7
```

Test Results

Run Query

Submit

HackerRank

hackerrank.com/test/fp38nfei6da/questions/6ilq6ftstcb

Apps Coursera HackerRank Schedule - Code Jam Ashen Senevirathne... Codeforces CC Course: Faculty Not... Reading list

32m left

⌘ ALL ⓘ 1 2

city_id	int	Foreign key referencing city.id
customer_address	varchar(255)	Customer's address
contact_person	varchar(255)	Can be NULL
email	varchar(128)	Email address
phone	varchar(128)	Phone number
is_active	int	Boolean

invoice		
Name	Type	Description
id	int	This is a primary key
invoice_number	varchar(255)	Invoice number
customer_id	int	Foreign key referencing customer.id
user_account_id	int	User's account ID
total_price	decimal(8,2)	Total price

▶ Sample Data Tables

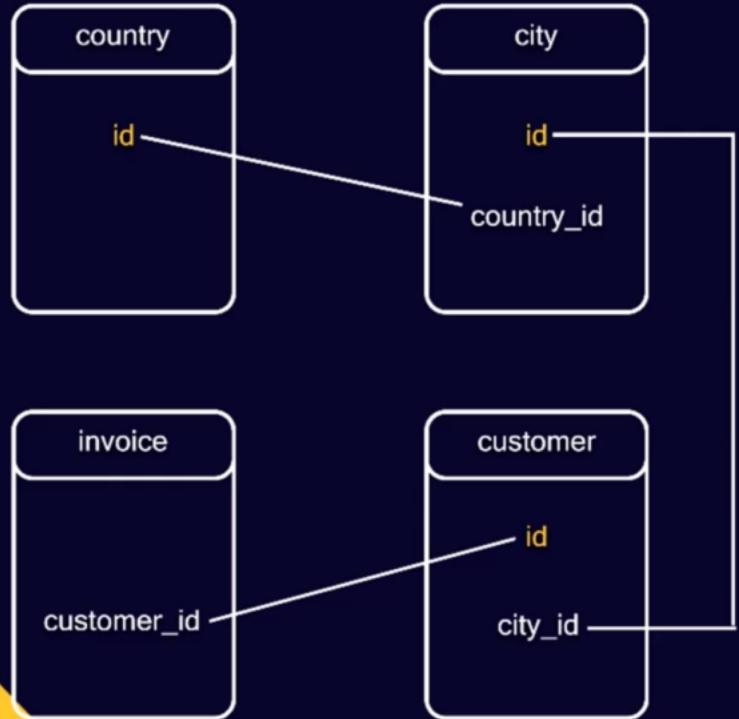
Language MySQL Autocomplete not supported

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```

Test Results Run Query Submit Line: 6 Col: 1

11:43 PM 5/10/2021

# Tables Relationship



total\_price decimal(8,2) Total price



ALL



1

2

## ▼ Sample Data Tables

country	
id	country_name
1	Austria
2	Germany
3	United Kingdom

city			
id	city_name	postal_code	country_id
1	Wien	1010	1
2	Berlin	10115	2
3	Hamburg	20095	2
4	London	EC4V 4AD	3

customer				
id	customer name	city id	customer address	contact person

Language MySQL

⚠ Autocomplete not supported ⓘ

```
1 /*  
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4 */  
5  
6  
7
```

Line: 6 Col: 1

## Test Results

Run Query

Submit

32m left

⌘

ALL

ⓘ

1

2

city			
id	city_name	postal_code	country_id
1	Wien	1010	1
2	Berlin	10115	2
3	Hamburg	20095	2
4	London	EC4V 4AD	3

customer				
id	customer_name	city_id	customer_address	contact_person
1	Drogerie Wien	1	Deckergasse 15A	Emil Steinbach
2	Cosmetics Store	4	Watling Street 347	Jeremy Corbyn
3	Kosmetikstudio	3	Rothenbaumchaussee 53	Willy Brandt
4	Neue Kosmetik	1	Karlsplatz 2	NULL
5	Bio Kosmetik	2	Motzstraße 23	Clara Zetkin
6	K-Wien	1	Kärntner Straße 204	Maria Rauch-Kallat
7	Natural Cosmetics	4	Clerkenwell Road 14B	Glenda Jackson

Language MySQL

⚠ Autocomplete not supported ⓘ

```
1 /*  
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4 */  
5  
6  
7
```

Line: 6 Col: 1

## Test Results

Run Query

Submit

The screenshot shows a HackerRank contest interface. On the left, there's a sidebar with a timer (32m left), a 'ALL' section, and a '1' section. The main area displays two tables. The first table has columns: id, invoice\_number, customer\_id, user\_account\_id, and total. The second table has columns: id, name, address, and city. A message at the bottom states: "The average invoice amount is 2353.5. The average invoice amount of Country with ids 1, 2, and 3 are 4825, 1017.5, and 1218 respectively. Hence, the only country to report is Austria." To the right, a code editor window is open with the following MySQL query:

```
1 /*  
2 Enter your query below.  
3 Please append a semicolon ";" at the end of the query  
4 */  
5  
6  
7
```

At the bottom, there are 'Test Results' and 'Run Query' buttons, along with a status bar showing 'Line: 6 Col: 1'. The task URL is <https://hackerrank.com/test/fp38nfei6da/questions/6ilq6ftstcb>.

U4	Maria Ratuci-Kallat	mariak@
4B	Glenda Jackson	glena.j@natur
1	Angela Merkel	angela@
92	Oliver Cromwell	oliver

id	user_account_id	total_price
	4	1436
1	2	1000
2	2	360
2	2	1675
2	2	9500
2	2	150

Language MySQL

Autocomplete not supported

```
2 Enter your query below.
3 Please append a semicolon ";" at the end of the query
4 */
5
6 select co.country_name, count(*), avg(i.total_price)
7 from country co, city ci, customer cu, invoice i
8 where co.id = ci.country_id and ci.id = cu.city_id and cu.id = i.customer_id
9 group by co.country_name
10 having avg(i.total_price) > (select avg(total_price) from invoice)
11 |
```

Line: 11 Col: 1



Run Query Submit

## Test Results

Compiled successfully. Correct answer.

## Test case 0

Your Output (stdout)

1 Austria 2 4825.000000

Expected Output

1 Austria 2 4825.000000

Download