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https://www.codingame.com/evaluate/19679023?id=4862358e2997c993a715941d9f7716141c31c62

Question 1 / 16 - SQL

Elapsed time: 00:17/03:00

You are given a table, `BasketballPlayerStats`, in which each row represents basketball stats for a unique NBA player. It contains the following fields:

- `ID` (int)
- `FirstName` (varchar)
- `LastName` (varchar)
- `GamesPlayed` (int)
- `PPG` (float)
- `RPG` (float)
- `APG` (float)
- `FGPCT` (float)
- `FTPTCT` (float)

Write a query that returns the top *all-around* basketball players. We define a top *all-around* basketball player as someone whose PPG is 20.0 or higher, RPG and APG are 5.0 or higher each, and GamesPlayed is 65 or higher.

Your query should output `FirstName` as the first column and `LastName` as the second column. Return the table rows sorted by `LastName` in alphabetical order, and using `FirstName` as a tiebreaker (i.e. "James Walker" comes before "Tim

Answer

1 -- SQL request(s) below  
2

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Test Your Code

Next Question

Console output

61°F Cloudy 7:33 AM 12/2/2021

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Question 1 / 16 - SQL Elapsed time: 00:25/03:00

- RPG (float)
- APG (float)
- FGPCT (float)
- FTPCT (float)

Write a query that returns the top *all-around* basketball players. We define a top *all-around* basketball player as someone whose PPG is 20.0 or higher, RPG and APG are 5.0 or higher each, and GamesPlayed is 65 or higher.

Your query should output `FirstName` as the first column and `LastName` as the second column. Return the table rows sorted by `LastName` in alphabetical order, and using `FirstName` as a tiebreaker (i.e. "James Walker" comes before "Tim Walker").

Example of output:

FIRSTNAME	LASTNAME
James	Durant
Lebron	James
Russell	Westbrook

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Question 2 / 16 - SQL Elapsed time: 00:10/06:00

You are given a table, `students`, in which each row represents a test score for a particular student. It contains the following fields:

- ID (int)
- FirstName (varchar)
- LastName (varchar)
- TestName (varchar)
- Score (float)

Write a query that returns all students whose average test score on humanities tests (i.e. `TestName` as 'English Test' or 'History Test') is 0.9 or higher.

Your query should output `FirstName` as the first column, `LastName` as the second column, and `AvgScore`, the student's average test score (on the humanities tests) in the third column. Round the average score up to keep only two decimals. Return the table rows sorted by their average test score, in descending score order.

Example of output:

-----

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Console output Test Your Code Next Question

SELECT TestName

FROM Students  
WHERE Score > (SELECT AVG(score) FROM Student)  
ORDER BY TestName ;

Chnowa hedha ?  
Jewebet wlla

The screenshot shows a web browser window with a coding game interface. The browser's address bar displays the URL: <https://www.codingame.com/evaluate/19679023?id=4862358e2997c993a715941d9f7716141c31c62>. The interface is divided into two main sections: a question panel on the left and an answer panel on the right.

**Question 3 / 16 - SQL**  
Elapsed time: 02:19/06:00

You are given two tables, `customers` and `orders`. The `customers` table contains the following fields:

- `ID` (int)
- `FirstName` (varchar)
- `LastName` (varchar)
- `city` (varchar)

The `orders` table contains the following fields:

- `OrderID` (int)
- `CustomerID` (varchar): foreign key corresponding to the ID field in the `customers` table
- `Purchase` (varchar)
- `Price` (float)

Write a query that returns all customers that have never made a cheeseburger order (`Purchase` never equal to "Cheeseburger"). Your result should not have duplicated rows.

**Answer**

```
1 -- SQL request(s) below
2 select ID, FIRSTNAME, LASTNAME
3 from orders, customers
4 where CustomerID=ID and
```

At the bottom of the interface, there is a "Console output" section, a "Test Your Code" button, and a "Next Question" button. The Windows taskbar is visible at the bottom of the screen, showing the time as 7:44 AM on 12/2/2021.

Hedhi

SELECT Customers.FirstName  
FROM Customers,Orders  
WHERE Customers.ID = Orders.CustomerID  
AND Orders.purchase <> "CheeseBurger" ;

Question 4 / 16 - SQL

Elapsed time: 01:58/05:00

#order\_idINTEGER

#product\_idINTEGER

→

order\_idINTEGER

#customer\_idINTEGER

dateDATE

Modify the query to list the customers having a zipcode equal to 75000 or 34000 and who have a birthdate defined.

**Only output the LASTNAME and FIRSTNAME columns in that order.**

Example of output:

LASTNAME	FIRSTNAME
RIVER	John
JACKSON	Elizabeth
POTTER	James

Console output

LASTNAME	FIRSTNAME
SMITH	James
JACKSON	Elizabeth
DUCE	Jean-Claude
POTTER	James

Answer

```
1 -- SQL request(s) below
2 SELECT lastname, firstname
3 FROM customer
4 where zipcode=75000 or zipcode=34000 and birth_date is not null
```

Test Your Code

Next Question

61°F Cloudy

7:50 AM 12/2/2021

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Question 6 / 16 - Language independent

Elapsed time: 00:24/15:00

You can change the programming language at the top right of the screen.

Kaido has a precious chest with a number written on it. The chest has two key holes. He also has a key chain with  $n$  keys on it. Each key is labeled by a number.

In order to unlock this chest, we need to insert two of his keys such as the labels on them sum up to the number written on the chest.

Can you help us unlock this chest?

**INPUT:**

**Line 1:**

An integer  $N$  representing the size of the chain.

**Line 2:**

`Key[]`, an array of size  $N$  representing the numbers on kaido's key chain (`keys[i]` = the number written on the  $i$ -th key).

**Line 3:**

`target`, the integer written on the chest.

Console output

Answer

Python 3

```
1 import sys
2 import math
3
4 # Auto-generated code below aims at helping you parse
5 # the standard input according to the problem statement.
6
7
8 # Write an answer using print
9 # To debug: print("Debug messages...", file=sys.stderr, flush=True)
10
11
12
```

Tests

01 Simple test

Run all tests

Next Question

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Question 6 / 16 - Language independent

Elapsed time: 00:32/15:00

You may assume that each input would have **exactly one solution**.

**CONSTRAINTS:**

$2 \leq N \leq 10000$

$-1000000 \leq \text{keys}[i] \leq 1000000, 0 \leq i \leq N$

$-1000000 \leq \text{target} \leq 1000000$

**EXAMPLE:**

Input	Output
4	0 3
3 8 11 2	
5	

Available RAM: 512MB

Timeout: 6 seconds

- The program has to read inputs from standard input
- The program has to write the solution to standard output

Download the files provided in the test section:

- Simple test: `in1.txt` `out1.txt`

Console output

Answer

Python 3

```
1 import sys
2 import math
3
4 # Auto-generated code below aims at helping you parse
5 # the standard input according to the problem statement.
6
7
8 # Write an answer using print
9 # To debug: print("Debug messages...", file=sys.stderr, flush=True)
10
11
12
```

Tests

01 Simple test

Run all tests

Next Question

hedha

Question 12 / 16 - Git

Elapsed time: 00:06/00:30

Which **GitHub** feature provides a user-friendly web interface for notifying team members about feature completion, after which, proposed changes can be reviewed before being integrated in the master branch?

☐ Fork

☐ Notify

☒ Pull request

☐ Clone

Next Question

Question 13 / 16 - Git

Elapsed time: 00:15/01:00

What is **true** about git branching?

*Multiple correct answers expected.*

☐ You can create multiple local branches and choose to only push some of them to the remote repository

☐ You can create multiple branches, but you need to merge on master before switching from one to another

☐ With branches, it is possible to work on different features/bugs in parallel independently


Next Question

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**Question 14 / 16 - Git** Elapsed time: 00:17/01:00

Refer to the image below which shows the commit history.



```
graph LR; A((A)) --> B((B)); B --> C((C)); C --> D((D)); D --> E((E)); E --> F((F)); F --- HEAD[HEAD]
```

The **HEAD** is at commit **F**. You realize that the last few commits you made were incorrect and you want to change your current branch to point to **C** and make all your local files to be the same as the ones in commit **C**.

Which of the following commands will you execute?

☐ git reset --hard HEAD~4

☒ git reset --hard HEAD~3

☐ git reset --hard HEAD--

☐ git reset --hard HEAD~2

**Next Question**

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**Question 16 / 16 - Git** Elapsed time: 00:45/00:45

Which command will you use if you want to download new data from a remote repository but do not want this data to be automatically merged into your working files?

☐ git fetch

**Timeout**

The maximum time allowed for this question has elapsed. Your current answer has been submitted. The evaluation is now complete.

**OK**

**Submit**