## RPI Computer Science (2) > Submitty > Database Systems (2) > Lecture 23 Exercise



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## **New submission for: Lecture 23 Exercise**

Due: 12/01/2021 @ 04:00 PM EST

Gradeable Time Remaining: 01 days 02 hours

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You are given the following statistics: TUPLE

Attribute	N_DISTINCT	MINVAL
R.id	100,000	66012031492304
R.A	500	'aaa'
R.B	10,000	0
R.C	800	date $'2018/1/1'$
S.D	700	date $'2018/8/10$
S.E	450	'bbb'
S.F	300	'Amee'

The following queries:

```
Q1: SELECT * FROM R WHERE A = 'abc';

Q2: SELECT * FROM R WHERE B <= 25 AND B>10

Q3: SELECT * FROM R WHERE C = date '2021/1/

Q4: SELECT * FROM S WHERE D <= date '2022/1

Q5: SELECT * FROM R WHERE A = 'abc' AND NOT

Q6: SELECT * FROM R WHERE A = 'abc' OR C =

Q7: SELECT * FROM R,S WHERE R.A=S.E;

Q8: SELECT * FROM R,S WHERE R.A=S.E AND R.C
```

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Question 1. What is the number of expected tuples Q1? If your exact answer is not in the list below, choose the closest number.	ir
O 10,000,000	
<b>o</b> 200	
O 1,000,000	
O 350	
O 5000	
O 75	
O 500,000	
O 120,000	
O 20,000	
O 500	
O 100,000	
O 1	
O 125	
Clear Use Most Recent Submission	
Question 2. What is the number of expected tuples Q2? If your exact answer is not in the list below, choose the closest number.  O 10,000,000	ir
O 200	
O 1,000,000	
O 350	
O 5000	
O 120,000	
O 500,000	
<b>o</b> 75	
O 20,000	
O 500	
O 100,000	
O 1	
O 125	

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Question 3. What is the number of expected tuples in Q3? If your exact answer is not in the list below, choose the closest number.

- O 10,000,000
- **O** 200
- 0 1,000,000
- 01
- **O** 5000
- 125
- O 500,000
- O 75
- **O** 20,000
- **O** 500
- O 100,000
- O 120,000
- **O** 350

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Question 4. What is the number of expected tuples in Q4? If your exact answer is not in the list below, choose the closest number.
O 10,000,000
O 200
O 1,000,000
O 350
O 5000
O 125
O 500,000
O 75
O 20,000
O 500
O 100,000
O 1
<b>o</b> 120,000
Clear Use Most Recent Submission
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  O 10,000,000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  O 10,000,000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350 5000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350 5000 125
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350 5000 125 500,000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350 5000 125 500,000 75
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000 200 1,000,000 350 5000 125 500,000 75 20,000
Question 5. What is the number of expected tuples in Q5? If your exact answer is not in the list below, choose the closest number.  10,000,000  200  1,000,000  350  5000  125  500,000  75  20,000  500

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Question 6. What is the number of expected tuples in Q6? If your exact answer is not in the list below, choose the closest number.

- O 10,000,000
- **O** 200
- 0 1,000,000
- 01
- **O** 5000
- O 125
- O 500,000
- O 75
- **O** 20,000
- **O** 500
- O 120,000
- O 100,000
- 350

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Question 7. What is the number of expected tuples in Q7? If your exact answer is not in the list below, choose the closest number. O 75 **O** 5000 **O** 350 0 1,000,000 O 125 0 10,000,000 **O** 500,000 O 120,000 **O** 100,000  $O_1$ **O** 500 © 2021 Submitty v21.11.02 | **\G O** 20,000 • 100,000,000 O 200

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Ques What num expe tuple If you answ in th belo the c num

O 1

**O** 2

O 1

**O** 3

**O** 5

**0** 1

**O** 5

**O** 7

O 2

O 5

O 1

01

O 1

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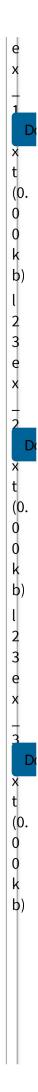
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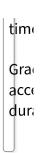
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1 2 3 e x x t (0. 0 1 k b) l 2 3 e x (0. 0 0 k b) l 2 3 e x (0. 0 0 k b) l 2 3

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(0. 0 1 k b) 2 3 e x (0. 0 1 k b) D o w n o a d Firs time \$ub time Day late Gra time Quε wai<sup>.</sup>

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