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| Interview | Round 1 |
| Company | Oracle |
| Date | 22 – 12 – 2021 |
| Name | Jeethashree |

Interviewer Udhay Singh

**PYTHON :**

1. WRITE THE OUTPUT OF THE FOLLOWING

A0 = DICT(ZIP(('A','B','C','D','E'),(1,2,3,4,5)))

A1 = RANGE(10)

A2 = SORTED([I FOR I IN A1 IF I IN A0])

A3 = SORTED([A0[S] FOR S IN A0])

A4 = [I FOR I IN A1 IF I IN A3]

A5 = {I:I\*I FOR I IN A1}

A6 = [[I,I\*I] FOR I IN A1]

PRINT(A0,A1,A2,A3,A4,A5,A6)

1. WHAT IT DOES - [::-1]
2. [COUNT THE UPPERCASE LETTERS IN A GIVEN STRING](https://stackoverflow.com/questions/18129830/count-the-uppercase-letters-in-a-string-with-python) .
3. COUNT NUMBER OF LINES IN A TEXT FILE.

**SQL:**

1. I HAVE TABLE NAME EMP WITH ID COLUMN NAME WHICH CONTAINS 0,1,0,1,0,1,1,0, ADD THE COLUMN NAME ID2 AND INSERT THE VALUES TO THE ID2 SUCH THAT WHEN IN COLUMN ID1 CONTAINS 0 THEN ID2 SHOULD BE 1 AND VICE VERSA.

**PUZZLE:**

1. TWO TRAINS ARE ON SAME TRACK AND THEY ARE COMING TOWARD EACH OTHER. THE SPEED OF THE FIRST TRAIN IS 50 KM/H AND THE SPEED OF THE SECOND TRAIN IS 70 KM/H. A BEE STARTS FLYING BETWEEN THE TRAINS WHEN THE DISTANCE BETWEEN TWO TRAINS IS 100 KM. THE BEE FIRST FLIES FROM FIRST TRAIN TO SECOND TRAIN. ONCE IT REACHES THE SECOND TRAIN, IT IMMEDIATELY FLIES BACK TO THE FIRST TRAIN … AND SO ON UNTIL TRAINS COLLIDE. CALCULATE THE TOTAL DISTANCE TRAVELLED BY THE BEE. SPEED OF BEE IS 80 KM/H.

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| Interview | Round 2 |
| Company | Oracle |
| Date | 23 – 12 – 2021 |
| Name | Jeethashree |

Interviewer Kiran Kumar

**SQL:**

1. IN A GIVEN TABLE TABLE1

|  |  |  |
| --- | --- | --- |
| **NAME** | **GRADE** | **GENDER** |
| A | 1 | MALE |
| B | 2 | FEMALE |
| C | 3 | FEMALE |

UPDATE THE GENDER COLUMN WHEN IT IS ‘MALE’ UPDATE AS ‘FEMALE’ AND VICE VERSA.

1. I HAVE 100000 RECORDS IN MY TABLE, DELETE 99TH ROW RECORD.
2. WHAT IS THE DIFFERENCE BETWEEN ROWED AND ROWNUM.

**UNIX:**

1. WHAT GREP COMMAND DOES?

**SCENARIO:**

1. GIVE YOU SCENARIO WHEN CREATING MAIL WEBSITE THERE TWO DEFECTS ONE IS IN THE LOGO NAME AND OTHER IS COMPOSE MAIL FOR WHICH YOU WILL GIVE THE FIRST PRIORITY.
2. I HAVE DELIVERY THE PRODUCT TO THE CUSTOMER WHERE 2+2 IT GIVES THE 4 AND IT GIVES SAME IN YOUR SYSTEM ALSO BUT WHEN IT COMES TO CUSTOMER SYSTEM IT IS GIVING 5, HOW YOU WILL COMMUNICATE WITH CUSTOMER IN THE ZOOM CALL.