

FORT BUSINESS

PYTHON, WEB, SQL DEVELOPER INTERVIEW

Test Question . The table dividend consists of companies and their respective fiscal year of dividend distribution. Some companies give dividend every year, but some companies do not. From investment point of view, Those companies who have given dividend for at least 3 consecutive years in the past are labelled as 'valuestocks'. Please write a query to find the 'valuestocks' i.e the companies that have given dividend for at least 3 consecutive year in the past.

A. Create Table Script:

```
CREATE TABLE dividend
(
    company character varying(12),
    fiscal_year integer
)
```

B. Test Data Set

company,fiscal_year

AHPC,20702071
AHPC,20712072
AHPC,20732074
AHPC,20762077
CZBIL,20692070
CZBIL,20702071
CZBIL,20712072
CZBIL,20732074
GBIME,20692070
GBIME,20702071
GBIME,20712072
GBIME,20732074

company	fiscal_year
AHPC	20702071
AHPC	20712072
AHPC	20732074
AHPC	20762077
CZBIL	20692070
CZBIL	20702071
CZBIL	20712072
CZBIL	20732074
GBIME	20692070
GBIME	20702071
GBIME	20712072
GBIME	20732074

(12 rows)

C. Expected Output

valuestocks

{"CZBIL ","GBIME "}

valuestocks

{"CZBIL ","GBIME "}
(1 row)