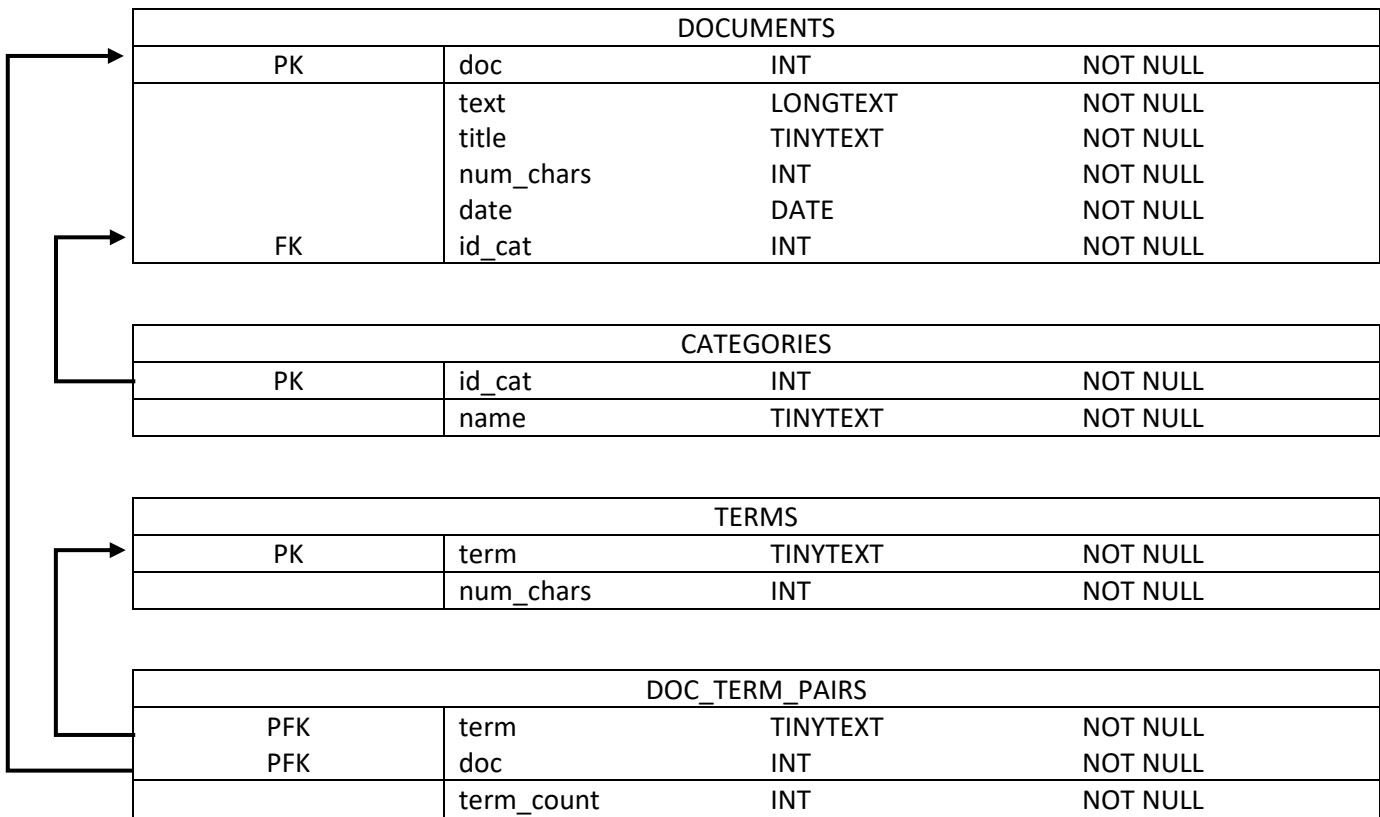


1.



2.

a.

SELECT COUNT(DISTINCT doc) FROM Documents

b.

SELECT d.text, d.title FROM Documents d

JOIN Categories c ON d.id_cat = c.id_cat WHERE c.name="Sports"

c.

SELECT DISTINCT term FROM TERMS

d.

SELECT SUM(p.term_count)

FROM DOCUMENTS d

JOIN DOC_TERM_PAIRS ON d.doc = p.doc

WHERE d.title = "Arizona"

e.

```
SELECT SUM(p.term_count)
FROM DOCUMENTS d
JOIN DOC_TERM_PAIRS p ON d.doc = p.doc
JOIN CATEGORIES c ON d.id_cat = c.id_cat
WHERE c.name = "Seasons"
```

f.

```
SELECT SUM(term_count) FROM DOC_TERM_PAIRS WHERE term="months"
```

g.

```
SELECT d.title, SUM(p.term_count)
FROM DOCUMENTS d
JOIN DOC_TERM_PAIRS p ON d.doc = p.doc
GROUP BY d.title
ORDER BY SUM(p.term_count)
LIMIT 1
```

h.

```
SELECT term , SUM(term_count)
FROM DOC_TERM_PAIRS
GROUP BY term
ORDER BY SUM(term_count)
LIMIT 1
```

3.

[nicholas-a-karle/Document-Database-Program \(github.com\)](https://github.com/nicholas-a-karle/Document-Database-Program)