1)

SELECT

\*

FROM

INFORMATION\_SCHEMA.COLUMNS

WHERE

TABLE\_NAME='naep'

2)

SELECT

\*

FROM

naep

LIMIT 50;

3)

SELECT

state,

SUM(avg\_math\_4\_score) AS total,

AVG(avg\_math\_4\_score) AS average,

MIN(avg\_math\_4\_score) AS minimum,

MAX(avg\_math\_4\_score) AS maximum

FROM

naep

GROUP BY

state

ORDER BY

state

ASC;

4)

SELECT

state,

SUM(avg\_math\_4\_score) AS total,

AVG(avg\_math\_4\_score) AS average,

MIN(avg\_math\_4\_score) AS minimum,

MAX(avg\_math\_4\_score) AS maximum

FROM

naep

GROUP BY

state

HAVING

MAX(avg\_math\_4\_score) - MIN(avg\_math\_4\_score) > 30

ORDER BY

state

ASC;

5)

SELECT

state AS bottom\_10\_states

FROM

naep

WHERE

year = 2000

ORDER BY avg\_math\_4\_score ASC

LIMIT 10

6)

SELECT

ROUND(AVG(avg\_math\_4\_score),2)

FROM

naep

WHERE

year = 2000

7)

SELECT

state AS below\_average\_states\_y2000

FROM

naep

WHERE

avg\_math\_4\_score < (SELECT AVG(avg\_math\_4\_score) FROM naep WHERE year=2000)

8)

SELECT

state AS scores\_missing\_y2000

FROM

naep

WHERE

year=2000

AND

avg\_math\_4\_score IS null

9)

SELECT

naep.state,ROUND(avg\_math\_4\_score,2) AS avg\_math\_4\_score,total\_expenditure

FROM

naep LEFT JOIN finance

ON

naep.id = finance.id

WHERE

naep.year=2000 AND avg\_math\_4\_score is null

ORDER BY total\_expenditure DESC