Opgave 5

```sql
-- Opg 1
SELECT `AtomicNumber`, `Element`, `Period` FROM `elements` WHERE `Period` = 4;

-- Opg 2
SELECT `AtomicNumber`, `Element`, `Group` FROM `elements` WHERE `Group` <> 8;

-- Opg 3
SELECT `AtomicNumber`, `Element`, `Electronegativity`
FROM `elements`
WHERE `Electronegativity` < 2;

-- Opg 4
SELECT `AtomicNumber`, `Element`, `MeltingPoint`
FROM `elements`
ORDER BY `MeltingPoint` ASC;

-- Opg 5
UPDATE `elements`
SET `BoilingPoint` = 100
WHERE `Element` = 'Helium';
SELECT `AtomicNumber`, `Element`, `BoilingPoint` FROM `elements` WHERE `Element` = 'Helium';
```

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```sql
-- Opg 6
INSERT INTO elements(
  AtomicNumber,
  Element,
  Symbol,
  AtomicMass,
  NumberofNeutrons,
  NumberofProtons,
  NumberofElectrons,
  Period,
  `Group`,
  Phase,
  Radioactive,
  `Natural`,
  Metal,
  Nonmetal,
  Metalloid
  Type,
) VALUES (
  119,
  'Mohammdium',
  'Mm',
  1.007,
  0,
  1,
  1,
  1,
  1,
  'solid',
  'yes',
  'yes',
  NULL,
  'yes',
  NULL,
  'Nonmetal'
);
SELECT `AtomicNumber`, `Element`, `BoilingPoint` FROM `elements` WHERE `Element` = 'Mohammadium';
```