1. Show all of the information on the Avengers.
   1. SELECT \* FROM avengers.avengers;
   2. 21
   3. 171
   4. Graphical user interface, application

      Description automatically generated with medium confidence
2. Create a new table with information from another super hero group [can be imported from elsewhere or fictitious]. Make sure there is an appropriate header and must be at least 30 rows.
   1. SELECT \* FROM avengers.avengers2;
   2. 21
   3. 171
   4. A screenshot of a computer

      Description automatically generated
3. Add a column to your new table (let us call it the new superheros) for those who are interested in joining the Avengers. Make this be randomly assigned.  ***Hint:****it is okay for this to be a multi-step query.  You will have to use rand() function and CASE WHEN statement too.*
   1. alter table avengers2 add new\_superheroes varchar(3);

update avengers2 set new\_superheroes =

(case when rand() > 0.5 then 'yes'

else 'no'

end);

select \* from avengers.avengers2

* 1. 22
  2. 171
  3. Graphical user interface, text, application

     Description automatically generated

1. Add a column to your new table (the new superheros) for their favorite Avenger (have it randomly choose between  Anthony Edward "Tony" Stark,  Robert Bruce Banner, & Victor Shade).
   1. alter table avengers2 add column fav\_avenger varchar(100);

update avengers2 set fav\_avenger =

(case when rand() = 0.5 then "Anthony Edward 'Tony' Stark"

when rand() = 0.5 then "Robert Bruce Banner"

else "Victor Shade" end);

SELECT \* FROM avengers.avengers2;

* 1. 23
  2. 171
  3. A screenshot of a computer

     Description automatically generated

1. Use a JOIN statement between the two tables for who is interested in joining the Avengers.
   1. A
   2. B
   3. C
   4. D
2. List all Avengers who have more than 1000 appearances in alphabetic order.
   1. select \* from avengers.avengers where appearances > 1000 order by name;
   2. 21
   3. 20
   4. Graphical user interface, text, application

      Description automatically generated
3. What Avengers do not have more than 1000 appearances?
   1. select \* from avengers.avengers where appearances <= 1000;
   2. 21
   3. 151
   4. Graphical user interface, text, application

      Description automatically generated
4. Not more than 500?
   1. select \* from avengers.avengers where appearances <= 500;
   2. 21
   3. 128
   4. Graphical user interface, application

      Description automatically generated
5. Not more than 50 and female?
   1. select \* from avengers.avengers where appearances <= 50 and gender = 'female';
   2. 21
   3. 19
   4. Graphical user interface, text, application

      Description automatically generated with medium confidence
6. More than 150, male, and are full members?
   1. select \* from avengers.avengers where appearances > 150 and gender = 'male' and honorary = 'full';
   2. 21
   3. 51
   4. Table

      Description automatically generated