show databases;

use charhog ;

show tables;

select \* from characters;

select fname,lname from characters where patronus is not null and not patronus="Unknown";

select \*from characters where lname like "%e";

select sum(age) from characters;

select fname,lname,age from characters order by age desc;

select fname,age from characters where age between 50 and 100;

select distinct age from characters;

select \* from characters where faculty="Gryffindor" and age>30;

select distinct faculty from characters limit 3;

select fname from characters where fname like "H%Y" or fname like "L%";

select avg(age) from characters;

delete from characters where char\_id=11;

select \* from characters;

select lname from characters where lname like "%a%";

select fname as "Half-Blood Prince" from characters where char\_id=1;

select patronus from characters where patronus is not null order by char\_id,fname;

select fname,lname from characters where char\_id in (2,5,9);

select min(age) from characters;

select char\_id,fname from characters union select char\_id,book\_name from library;

select faculty ,count(\*) as count from characters group by faculty having count>1;

select fname,lname,

case when faculty="Gryffindor" then "Godric"

when faculty="Slytherin" then "Salazar"

when faculty="Ravenclaw" then "Rowena"

when faculty="Hufflepuff" then "Helga"

when faculty is unknown then "Muggle"

end as Founders

from characters;

select fname from characters where fname not like "H%" and fname not like "L%" and fname not like "S%";

select \* from characters;

select \* from library;

select characters.fname,lname,library.book\_name from characters join library on characters.book\_id=library.book\_id;

select characters.fname,lname,library.book\_name from characters right join library on characters.book\_id=library.book\_id;

select library.book\_name,characters.patronus from library right join characters on library.char\_id=characters.char\_id;

select characters.fname,library.book\_name,start\_date,end\_date from characters join library on characters.book\_id=library.book\_id where age<15 and patronus is null;

select count(book\_name) from library where end\_date in(select end\_date from library where end\_date>2022-12-20);

select patronus from characters where age in(select age from characters where age>14);

