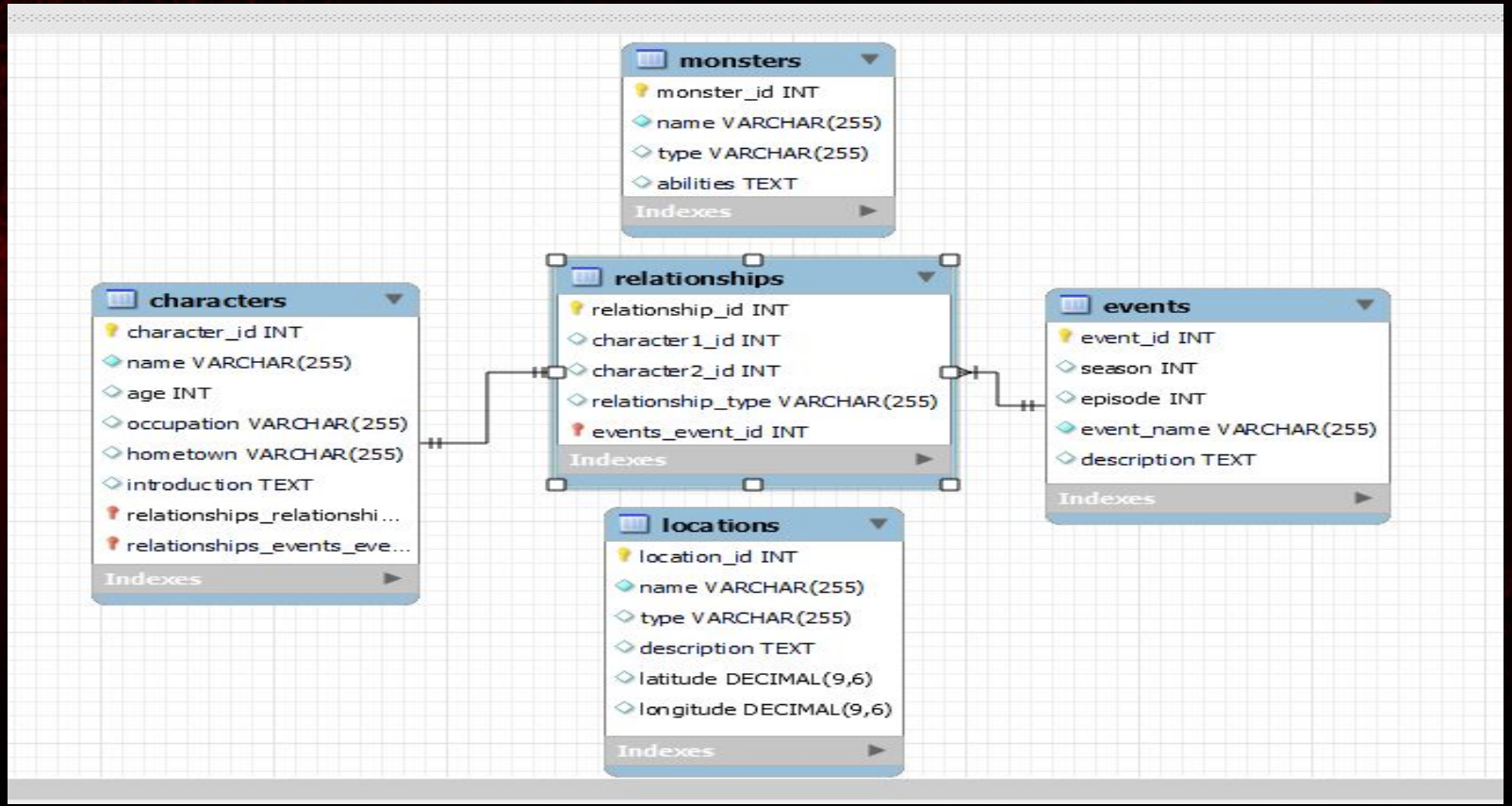
STRANGER
THINGS

Table Schema:



Characters :

#hearteyesfornancy
#loveshersons
#conspiracytheorist
#whippedforel
#actualsuperhero
#2pure4thisword
#therealisticone
#takesnoshit
#deservedbetter

Question 1 :

Retrieve the names of the characters?

Answer :

```
select name from characters;
```

name
Eleven
Mike Wheeler
Dustin Henderson
Lucas Sinclair
Will Byers
Joyce Byers
Jim Hopper
Steve Harrington
Jonathan Byers
Nancy Wheeler

Question 2:

Find characters with age greater than 18?

Answer :

select * from characters where age>18;

character_id	name	age	occupation	hometown	introduction
6	Joyce Byers	42	Retail Clerk	Hawkins	Mother of Will and Jonathan.
7	Jim Hopper	45	Chief of Police	Hawkins	Protector of the town and Eleven.
9	Jonathan Byers	19	Photographer	Hawkins	Will's older brother and a close friend of Nancy.

Question 3 :

Find events in Season 2?

Answer :

```
select * from events where season=2;
```

event_id	season	episode	event_name	description
3	2	5	Demogorgon Attack on School	A terrifying encounter with the Demogorgon at ...
4	2	9	The Mind Flayer	The emergence of the Mind Flayer in Season 2.
7	2	2	The Upside Down	Exploration of the alternate dimension known a...

Question 1 :

Retrieve the names of the characters?

Answer :

```
select name from characters;
```

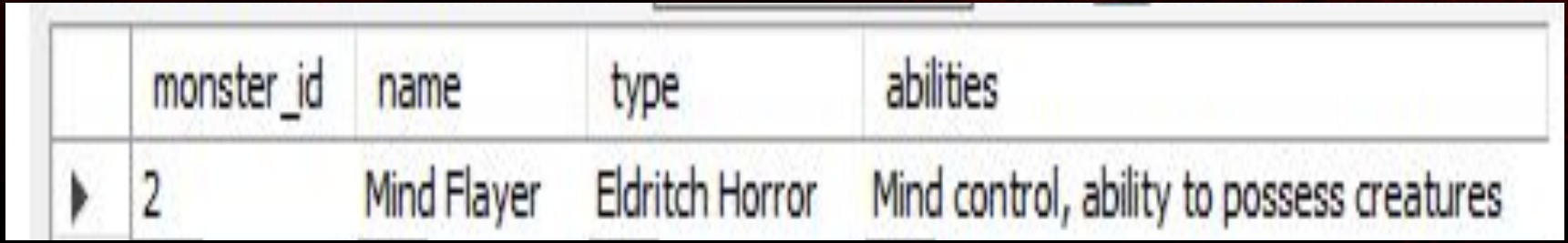
name
Eleven
Mike Wheeler
Dustin Henderson
Lucas Sinclair
Will Byers
Joyce Byers
Jim Hopper
Steve Harrington
Jonathan Byers
Nancy Wheeler

Question 4 :

Get details of the 'Mind Flayer' monster?

Answer :

```
select * from monsters
 where name="Mind Flayer";
```



monster_id	name	type	abilities
2	Mind Flayer	Eldritch Horror	Mind control, ability to possess creatures

Question 5 :

Retrieve characters and their associated events?

Answer :

```
select characters.name, events.event_name
from characters  join relationships on
characters.character_id=
relationships.character1_id or
characters.character_id=
relationships.character2_id
```

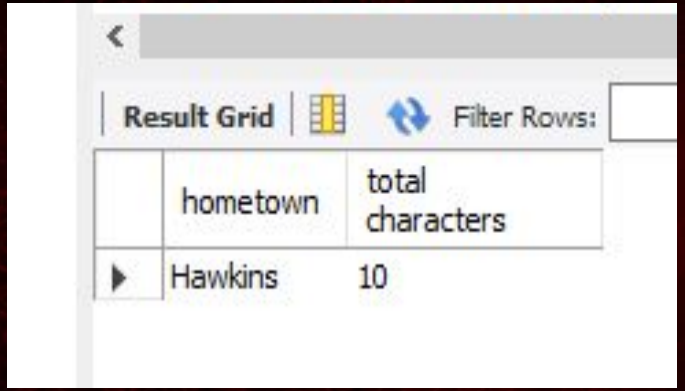
name	event_name
Mike Wheeler	Disappearance of Will Byers
Eleven	Disappearance of Will Byers
Jim Hopper	Discovery of Eleven
Eleven	Discovery of Eleven
Dustin Henderson	Demogorgon Attack on School
Mike Wheeler	Demogorgon Attack on School
Lucas Sinclair	The Mind Flayer
Dustin Henderson	The Mind Flayer
Joyce Byers	The Mall Battle
Will Byers	The Mall Battle
Jonathan Byers	Search for Barb
Joyce Byers	Search for Barb
Nancy Wheeler	The Upside Down
Jonathan Byers	The Upside Down
Steve Harrington	Russian Conspiracy
Lucas Sinclair	Russian Conspiracy

Question 6 :

Calculate the total number of characters from each hometown?

Answer :

```
select distinct(hometown),
count(character_id) as "total characters"
from characters
group by(hometown);
```



Question 7 :

Retrieve characters who were involved in events in Season 1 or Season 2?

Answer :

```
select characters.name, events.season from characters  join relationships on characters.character_id= relationships.character1_id or characters.character_id= relationships.character2_id
 join events on events.event_id=relationships.relationship_id where season in(1,2) order by season;
```

Result Grid | Filter Rows:

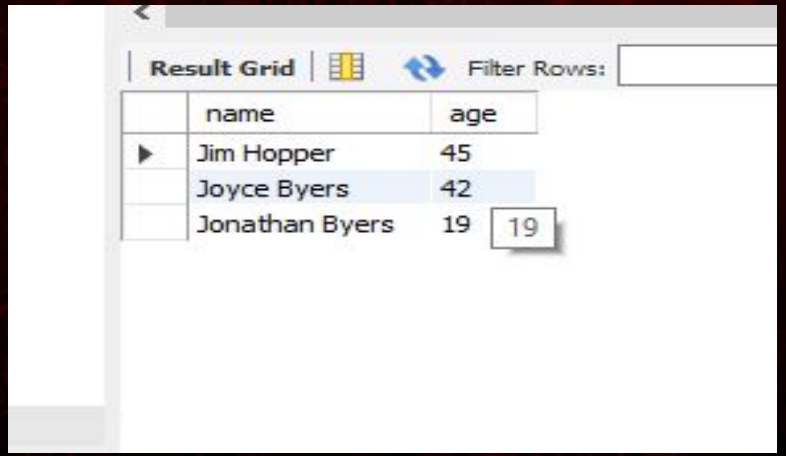
name	season
Eleven	1
Mike Wheeler	1
Eleven	1
Jim Hopper	1
Joyce Byers	1
Jonathan Byers	1
Mike Wheeler	2
Dustin Henderson	2
Dustin Henderson	2
Lucas Sinclair	2
Jonathan Byers	2
Nancy Wheeler	2

Question 8 :

Find the top 3 oldest characters?

Answer :

```
select name,age from characters order by
age desc limit 3;
```

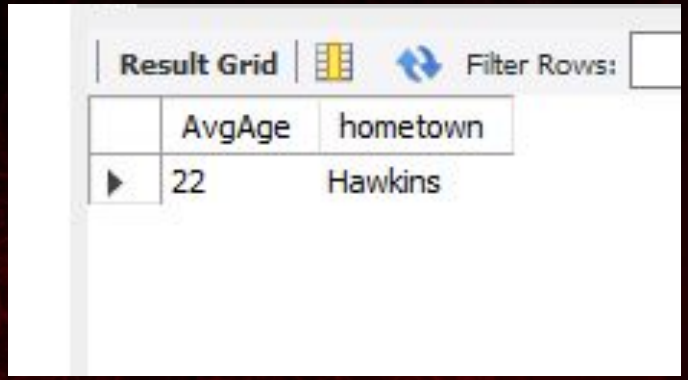


Question 9 :

Find the average age of characters in Hawkins?

Answer :

```
select round( avg(age)) as AvgAge,
hometown from characters
where hometown="Hawkins";
```

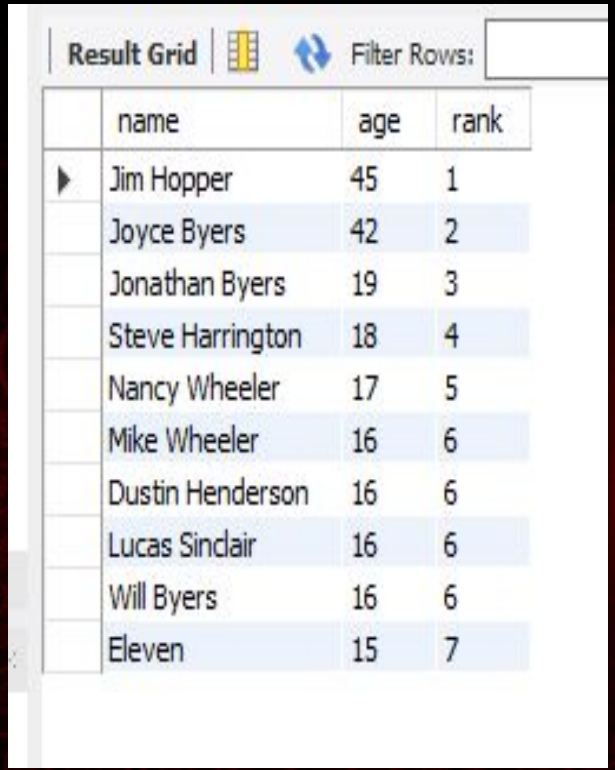


Question 10 :

Rank characters by age in descending order?

Answer :

```
select name,age ,
dense_rank() over(order by age desc) as "rank"
from characters;
```



Result Grid | Filter Rows:

name	age	rank
Jim Hopper	45	1
Joyce Byers	42	2
Jonathan Byers	19	3
Steve Harrington	18	4
Nancy Wheeler	17	5
Mike Wheeler	16	6
Dustin Henderson	16	6
Lucas Sinclair	16	6
Will Byers	16	6
Eleven	15	7

THANK YOU