

```

--
-- PostgreSQL database dump
--

-- Dumped from database version 12.9 (Ubuntu 12.9-2.pgdg20.04+1)
-- Dumped by pg_dump version 12.9 (Ubuntu 12.9-2.pgdg20.04+1)

SET statement_timeout = 0;
SET lock_timeout = 0;
SET idle_in_transaction_session_timeout = 0;
SET client_encoding = 'UTF8';
SET standard_conforming_strings = on;
SELECT pg_catalog.set_config('search_path', '', false);
SET check_function_bodies = false;
SET xmloption = content;
SET client_min_messages = warning;
SET row_security = off;

DROP DATABASE universe;
--
-- Name: universe; Type: DATABASE; Schema: -; Owner: freecodecamp
--

CREATE DATABASE universe WITH TEMPLATE = template0 ENCODING = 'UTF8'
LC_COLLATE = 'C.UTF-8' LC_CTYPE = 'C.UTF-8';

ALTER DATABASE universe OWNER TO freecodecamp;

\connect universe

SET statement_timeout = 0;
SET lock_timeout = 0;
SET idle_in_transaction_session_timeout = 0;
SET client_encoding = 'UTF8';
SET standard_conforming_strings = on;
SELECT pg_catalog.set_config('search_path', '', false);
SET check_function_bodies = false;
SET xmloption = content;
SET client_min_messages = warning;

```

```

SET row_security = off;

SET default_tablespace = '';

SET default_table_access_method = heap;

--
-- Name: galaxy; Type: TABLE; Schema: public; Owner: freecodecamp
--

CREATE TABLE public.galaxy (
    galaxy_id integer NOT NULL,
    name character varying(255) NOT NULL,
    description text,
    galaxy_classification integer NOT NULL,
    visible_to_naked_eye boolean,
    has_life boolean,
    star_id integer NOT NULL
);

ALTER TABLE public.galaxy OWNER TO freecodecamp;

--
-- Name: galaxy_galaxy_id_seq; Type: SEQUENCE; Schema: public; Owner:
freecodecamp
--

CREATE SEQUENCE public.galaxy_galaxy_id_seq
AS integer
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;

ALTER TABLE public.galaxy_galaxy_id_seq OWNER TO freecodecamp;

--

```

```
-- Name: galaxy_galaxy_id_seq; Type: SEQUENCE OWNED BY; Schema: public;  
Owner: freecodecamp
```

```
--
```

```
ALTER SEQUENCE public.galaxy_galaxy_id_seq OWNED BY  
public.galaxy.galaxy_id;
```

```
--
```

```
-- Name: galaxy_group; Type: TABLE; Schema: public; Owner: freecodecamp
```

```
--
```

```
CREATE TABLE public.galaxy_group (  
galaxy_group_id integer NOT NULL,  
name character varying(255) NOT NULL,  
description text,  
group_classification integer  
);
```

```
ALTER TABLE public.galaxy_group OWNER TO freecodecamp;
```

```
--
```

```
-- Name: galaxy_group_galaxy_group_id_seq; Type: SEQUENCE; Schema: public;  
Owner: freecodecamp
```

```
--
```

```
CREATE SEQUENCE public.galaxy_group_galaxy_group_id_seq  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public.galaxy_group_galaxy_group_id_seq OWNER TO freecodecamp;
```

```
--
```

```

-- Name: galaxy_group_galaxy_group_id_seq; Type: SEQUENCE OWNED BY;
Schema: public; Owner: freecodecamp
--

ALTER SEQUENCE public.galaxy_group_galaxy_group_id_seq OWNED BY
public.galaxy_group.galaxy_group_id;

--

-- Name: galaxy_star_id_seq; Type: SEQUENCE; Schema: public; Owner:
freecodecamp
--

CREATE SEQUENCE public.galaxy_star_id_seq
AS integer
START WITH 1
INCREMENT BY 1
NO MINVALUE
NO MAXVALUE
CACHE 1;

ALTER TABLE public.galaxy_star_id_seq OWNER TO freecodecamp;

--

-- Name: galaxy_star_id_seq; Type: SEQUENCE OWNED BY; Schema: public;
Owner: freecodecamp
--

ALTER SEQUENCE public.galaxy_star_id_seq OWNED BY public.galaxy.star_id;

--

-- Name: moon; Type: TABLE; Schema: public; Owner: freecodecamp
--

CREATE TABLE public.moon (
moon_id integer NOT NULL,
name character varying(255) NOT NULL,
description text,

```

```
moon_classification integer,  
days_in_lunar_cycle numeric(900,0),  
planet_id integer  
);
```

```
ALTER TABLE public.moon OWNER TO freecodecamp;
```

```
--  
-- Name: moon_moon_id_seq; Type: SEQUENCE; Schema: public; Owner:  
freecodecamp  
--
```

```
CREATE SEQUENCE public.moon_moon_id_seq  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public.moon_moon_id_seq OWNER TO freecodecamp;
```

```
--  
-- Name: moon_moon_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner:  
freecodecamp  
--
```

```
ALTER SEQUENCE public.moon_moon_id_seq OWNED BY public.moon.moon_id;
```

```
--  
-- Name: planet; Type: TABLE; Schema: public; Owner: freecodecamp  
--
```

```
CREATE TABLE public.planet (  
planet_id integer NOT NULL,  
name character varying(255) NOT NULL,  
description text,
```

```
planet_classification integer,  
days_in_orbital_rotation numeric(900,0),  
distance_from_earth_in_light_years numeric(900,0),  
has_water boolean,  
star_id integer  
);
```

```
ALTER TABLE public.planet OWNER TO freecodecamp;
```

```
--  
-- Name: planet_planet_id_seq; Type: SEQUENCE; Schema: public; Owner:  
freecodecamp  
--
```

```
CREATE SEQUENCE public.planet_planet_id_seq  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public.planet_planet_id_seq OWNER TO freecodecamp;
```

```
--  
-- Name: planet_planet_id_seq; Type: SEQUENCE OWNED BY; Schema: public;  
Owner: freecodecamp  
--
```

```
ALTER SEQUENCE public.planet_planet_id_seq OWNED BY  
public.planet.planet_id;
```

```
--  
-- Name: star; Type: TABLE; Schema: public; Owner: freecodecamp  
--
```

```
CREATE TABLE public.star (
```

```
star_id integer NOT NULL,  
name character varying(255) NOT NULL,  
description text,  
star_classification integer NOT NULL,  
brightness_of_star numeric(5,2),  
burns_hot boolean,  
galaxy_id integer  
);
```

```
ALTER TABLE public.star OWNER TO freecodecamp;
```

```
--  
-- Name: star_star_id_seq; Type: SEQUENCE; Schema: public; Owner:  
freecodecamp  
--
```

```
CREATE SEQUENCE public.star_star_id_seq  
AS integer  
START WITH 1  
INCREMENT BY 1  
NO MINVALUE  
NO MAXVALUE  
CACHE 1;
```

```
ALTER TABLE public.star_star_id_seq OWNER TO freecodecamp;
```

```
--  
-- Name: star_star_id_seq; Type: SEQUENCE OWNED BY; Schema: public; Owner:  
freecodecamp  
--
```

```
ALTER SEQUENCE public.star_star_id_seq OWNED BY public.star.star_id;
```

```
--  
-- Name: galaxy galaxy_id; Type: DEFAULT; Schema: public; Owner:  
freecodecamp  
--
```

```
ALTER TABLE ONLY public.galaxy ALTER COLUMN galaxy_id SET DEFAULT  
nextval('public.galaxy_galaxy_id_seq'::regclass);
```

```
--  
-- Name: galaxy star_id; Type: DEFAULT; Schema: public; Owner:  
freecodecamp  
--
```

```
ALTER TABLE ONLY public.galaxy ALTER COLUMN star_id SET DEFAULT  
nextval('public.galaxy_star_id_seq'::regclass);
```

```
--  
-- Name: galaxy_group galaxy_group_id; Type: DEFAULT; Schema: public;  
Owner: freecodecamp  
--
```

```
ALTER TABLE ONLY public.galaxy_group ALTER COLUMN galaxy_group_id SET  
DEFAULT nextval('public.galaxy_group_galaxy_group_id_seq'::regclass);
```

```
--  
-- Name: moon moon_id; Type: DEFAULT; Schema: public; Owner: freecodecamp  
--
```

```
ALTER TABLE ONLY public.moon ALTER COLUMN moon_id SET DEFAULT  
nextval('public.moon_moon_id_seq'::regclass);
```

```
--  
-- Name: planet planet_id; Type: DEFAULT; Schema: public; Owner:  
freecodecamp  
--
```

```
ALTER TABLE ONLY public.planet ALTER COLUMN planet_id SET DEFAULT  
nextval('public.planet_planet_id_seq'::regclass);
```



```
--
-- Name: star star_id; Type: DEFAULT; Schema: public; Owner: freecodecamp
--
```

```
ALTER TABLE ONLY public.star ALTER COLUMN star_id SET DEFAULT
nextval('public.star_star_id_seq'::regclass);
```

```
--
-- Data for Name: galaxy; Type: TABLE DATA; Schema: public; Owner:
freecodecamp
--
```

```
INSERT INTO public.galaxy VALUES (1, 'GALAXY1', NULL, 6, true, false, 1);
INSERT INTO public.galaxy VALUES (2, 'GALAXY2', NULL, 5, false, true, 2);
INSERT INTO public.galaxy VALUES (3, 'GALAXY3', NULL, 4, true, true, 3);
INSERT INTO public.galaxy VALUES (4, 'GALAXY4', NULL, 3, true, true, 4);
INSERT INTO public.galaxy VALUES (5, 'GALAXY5', NULL, 2, false, false, 5);
INSERT INTO public.galaxy VALUES (6, 'GALAXY6', NULL, 1, true, false, 6);
INSERT INTO public.galaxy VALUES (7, 'GALAXY7', NULL, 0, true, true, 7);
```

```
--
-- Data for Name: galaxy_group; Type: TABLE DATA; Schema: public; Owner:
freecodecamp
--
```

```
INSERT INTO public.galaxy_group VALUES (1, 'GROUP1', NULL, 1);
INSERT INTO public.galaxy_group VALUES (2, 'GROUP2', NULL, 2);
INSERT INTO public.galaxy_group VALUES (3, 'GROUP3', NULL, 3);
```

```
--
-- Data for Name: moon; Type: TABLE DATA; Schema: public; Owner:
freecodecamp
--
```

```
INSERT INTO public.moon VALUES (1, 'MOON00', NULL, 40, NULL, 12);
INSERT INTO public.moon VALUES (2, 'MOON1', NULL, 39, NULL, 11);
INSERT INTO public.moon VALUES (3, 'MOON2', NULL, 38, NULL, 10);
```

```
INSERT INTO public.moon VALUES (4, 'MOON3', NULL, 37, NULL, 9);
INSERT INTO public.moon VALUES (5, 'MOON4', NULL, 36, NULL, 8);
INSERT INTO public.moon VALUES (6, 'MOON5', NULL, 35, NULL, 7);
INSERT INTO public.moon VALUES (7, 'MOON6', NULL, 34, NULL, 6);
INSERT INTO public.moon VALUES (8, 'MOON7', NULL, 33, NULL, 5);
INSERT INTO public.moon VALUES (9, 'MOON8', NULL, 32, NULL, 4);
INSERT INTO public.moon VALUES (10, 'MOON9', NULL, 31, NULL, 3);
INSERT INTO public.moon VALUES (11, 'MOON10', NULL, 30, NULL, 2);
INSERT INTO public.moon VALUES (12, 'MOON11', NULL, 29, NULL, 1);
INSERT INTO public.moon VALUES (13, 'MOON12', NULL, 28, NULL, 12);
INSERT INTO public.moon VALUES (14, 'MOON13', NULL, 27, NULL, 11);
INSERT INTO public.moon VALUES (15, 'MOON14', NULL, 26, NULL, 10);
INSERT INTO public.moon VALUES (16, 'MOON15', NULL, 25, NULL, 9);
INSERT INTO public.moon VALUES (17, 'MOON16', NULL, 24, NULL, 8);
INSERT INTO public.moon VALUES (18, 'MOON17', NULL, 23, NULL, 7);
INSERT INTO public.moon VALUES (19, 'MOON18', NULL, 22, NULL, 6);
INSERT INTO public.moon VALUES (20, 'MOON19', NULL, 20, NULL, 5);
INSERT INTO public.moon VALUES (21, 'MOON20', NULL, 21, NULL, 4);
```

```
--
-- Data for Name: planet; Type: TABLE DATA; Schema: public; Owner:
freecodecamp
--
```

```
INSERT INTO public.planet VALUES (1, 'PLANET1', NULL, 31, 532, 24, true,
10);
INSERT INTO public.planet VALUES (2, 'PLANET2', NULL, 30, 765, 32, false,
1);
INSERT INTO public.planet VALUES (3, 'PLANET3', NULL, 29, 561, 654, true,
6);
INSERT INTO public.planet VALUES (4, 'PLANET4', NULL, 28, 321, 78, false,
9);
INSERT INTO public.planet VALUES (5, 'PLANET5', NULL, 27, 432, 894, false,
7);
INSERT INTO public.planet VALUES (6, 'PLANET6', NULL, 26, 21, 678, true,
8);
INSERT INTO public.planet VALUES (7, 'PLANET7', NULL, 25, 13, 421, true,
10);
```

```
INSERT INTO public.planet VALUES (8, 'PLANET8', NULL, 24, 122, 784, false, 1);
INSERT INTO public.planet VALUES (9, 'PLANET9', NULL, 23, 445, 56, true, 6);
INSERT INTO public.planet VALUES (10, 'PLANET10', NULL, 22, 21, 567, false, 9);
INSERT INTO public.planet VALUES (11, 'PLANET11', NULL, 21, 783, 112, true, 7);
INSERT INTO public.planet VALUES (12, 'PLANET12', NULL, 20, 42, 89, false, 8);
```

```
--
-- Data for Name: star; Type: TABLE DATA; Schema: public; Owner:
freecodecamp
--
```

```
INSERT INTO public.star VALUES (1, 'STAR6', NULL, 1, 531.67, true, 1);
INSERT INTO public.star VALUES (6, 'STAR7', NULL, 4, 457.13, false, 4);
INSERT INTO public.star VALUES (7, 'STAR5', NULL, 3, 423.67, true, 3);
INSERT INTO public.star VALUES (8, 'STAR4', NULL, 2, 336.98, true, 2);
INSERT INTO public.star VALUES (9, 'STAR2', NULL, 1, 731.43, false, 1);
INSERT INTO public.star VALUES (11, 'STAR00', NULL, 5, 421.00, true, 2);
INSERT INTO public.star VALUES (10, 'STAR1', NULL, 0, 421.56, false, 4);
```

```
--
-- Name: galaxy_galaxy_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
freecodecamp
--
```

```
SELECT pg_catalog.setval('public.galaxy_galaxy_id_seq', 7, true);
```

```
--
-- Name: galaxy_group_galaxy_group_id_seq; Type: SEQUENCE SET; Schema:
public; Owner: freecodecamp
--
```

```

SELECT pg_catalog.setval('public.galaxy_group_galaxy_group_id_seq', 3,
true);

--
-- Name: galaxy_star_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
freecodecamp
--

SELECT pg_catalog.setval('public.galaxy_star_id_seq', 7, true);

--
-- Name: moon_moon_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
freecodecamp
--

SELECT pg_catalog.setval('public.moon_moon_id_seq', 21, true);

--
-- Name: planet_planet_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
freecodecamp
--

SELECT pg_catalog.setval('public.planet_planet_id_seq', 12, true);

--
-- Name: star_star_id_seq; Type: SEQUENCE SET; Schema: public; Owner:
freecodecamp
--

SELECT pg_catalog.setval('public.star_star_id_seq', 11, true);

--
-- Name: galaxy_group_galaxy_group_name_key; Type: CONSTRAINT; Schema:
public; Owner: freecodecamp
--

```

```
ALTER TABLE ONLY public.galaxy_group
ADD CONSTRAINT galaxy_group_name_key UNIQUE (name);

--
-- Name: galaxy_group galaxy_group_pkey; Type: CONSTRAINT; Schema: public;
Owner: freecodecamp
--

ALTER TABLE ONLY public.galaxy_group
ADD CONSTRAINT galaxy_group_pkey PRIMARY KEY (galaxy_group_id);

--
-- Name: galaxy galaxy_name_key; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.galaxy
ADD CONSTRAINT galaxy_name_key UNIQUE (name);

--
-- Name: galaxy galaxy_pkey; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.galaxy
ADD CONSTRAINT galaxy_pkey PRIMARY KEY (galaxy_id);

--
-- Name: moon moon_name_key; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.moon
ADD CONSTRAINT moon_name_key UNIQUE (name);
```

```
--
-- Name: moon moon_pkey; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.moon
ADD CONSTRAINT moon_pkey PRIMARY KEY (moon_id);

--
-- Name: planet planet_name_key; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.planet
ADD CONSTRAINT planet_name_key UNIQUE (name);

--
-- Name: planet planet_pkey; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.planet
ADD CONSTRAINT planet_pkey PRIMARY KEY (planet_id);

--
-- Name: star star_name_key; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
--

ALTER TABLE ONLY public.star
ADD CONSTRAINT star_name_key UNIQUE (name);

--
-- Name: star star_pkey; Type: CONSTRAINT; Schema: public; Owner:
freecodecamp
```

```
--

ALTER TABLE ONLY public.star
ADD CONSTRAINT star_pkey PRIMARY KEY (star_id);

--
-- Name: moon moon_planet_id_fkey; Type: FK CONSTRAINT; Schema: public;
-- Owner: freecodecamp
--

ALTER TABLE ONLY public.moon
ADD CONSTRAINT moon_planet_id_fkey FOREIGN KEY (planet_id) REFERENCES
public.planet(planet_id);

--
-- Name: planet planet_star_id_fkey; Type: FK CONSTRAINT; Schema: public;
-- Owner: freecodecamp
--

ALTER TABLE ONLY public.planet
ADD CONSTRAINT planet_star_id_fkey FOREIGN KEY (star_id) REFERENCES
public.star(star_id);

--
-- Name: star star_galaxy_id_fkey; Type: FK CONSTRAINT; Schema: public;
-- Owner: freecodecamp
--

ALTER TABLE ONLY public.star
ADD CONSTRAINT star_galaxy_id_fkey FOREIGN KEY (galaxy_id) REFERENCES
public.galaxy(galaxy_id);

--
-- PostgreSQL database dump complete
--
```