

	SQL	PROLOG
Создание БД/БЗ	<pre>create table Stars.Stars(StarId serial primary key, Scientist varchar(20) not null, StarName varchar(20) not null, ConstellationId int not null, foreign key (ConstellationId) references Constellations(ConstellationId)); create table Constellations(ConstellationId serial primary key, CName varchar(40) not null);</pre>	<pre>domains star_id, constellation_id = integer scientist = string star_name, cname = string constellation = const(constellation_id, cname) predicates star(star_id, scientist, star_name, constellation) star_by_constellation(cname, star_name)</pre>
Заполнение	<pre>insert into Stars(Scientist, StarName, ConstellationId) values ('Adam Sandler', 'Sun', 1), ('John Smith', 'Gamma', 1), ('Albert Unknown', 'Beta', 1), ('Alex Odnodvorcev', 'Alfa', 2); insert into Constellations(CName) values ('Cancer'), ('Andromeda');</pre>	<pre>clauses star(1, "Adam Sandler", "Sun", const(1, "Cancer")), star(2, "John Smith", "Gamma", const(1, "Cancer")), star(3, "Albert Unknown", "Beta", const(1, "Cancer")), star(4, "Alex Odnodvorcev", "Alfa", const(2, "Andromeda")). star_by_constellation(cname, star_name) :- star(_, star_name, _, const(_, cname)).</pre>
Запросы	<pre>select StarName from Stars S join Constellations C on S.ConstellationId = C.ConstellationId where C.CName = 'Cancer';</pre>	<pre>? star_by_constellation("Cancer", star_name).</pre>
Запросы	<pre>select * from Stars S where S.Scientist = "Alex Odnodvorcev"</pre>	<pre>? star(star_id, star_name, "Alex Odnodvorcev", cname).</pre>
Запросы	<pre>select StarName from Stars;</pre>	<pre>? star(_, star_name, _, _).</pre>