Q1. Consider the following datalog program.

```
R(1,2)
R(1,3)
S(5,6)
S(3,7)
S(2,7)
T(x,z) :- R(x,y), S(y,z), y > 2
T(x,z) :- R(x,y), S(y,z), z > 6
```

1. Use the assignment table method to construct the result of relation T.

2. Write the relational algebra query corresponding the datalog program.

Q2. Consider the following relations.

```
Movies(title, year, length, genre, studioName)
StarsIn(movieTitle, movieYear, starName)
```

Write a datalog program to find the actors that starred in 'sci-fi' movies produced by 'Disney'.