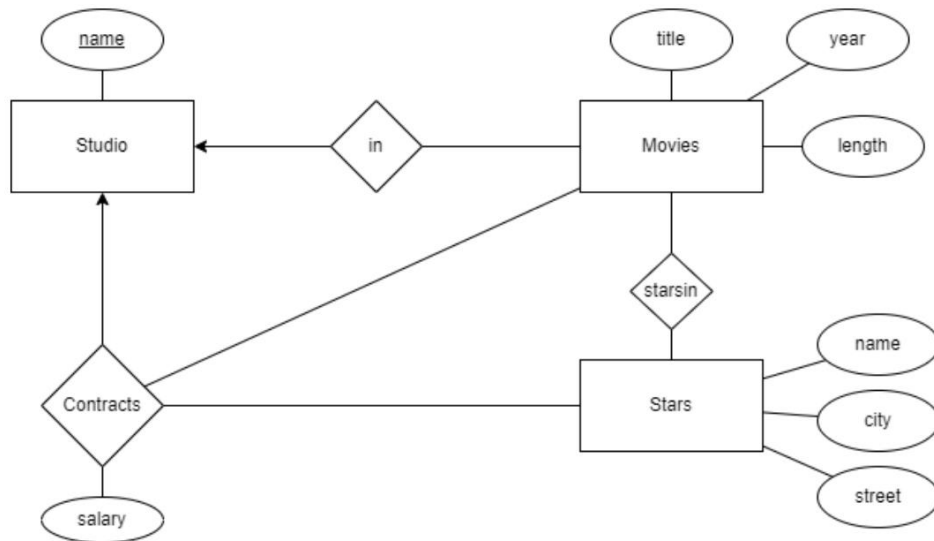**Задача.** Като се базирате на E/R модела на БД по-долу използвайте езика ODL, за да опишете съответните класове, атрибути, връзки и ключове. Типовете на атрибутите напишете по ваша преценка.

Решение:

```
class Studio (extent Studios key (name)){

attribute string name;

relationship Set<Movie> fk_std_movie inverse Movie::studioname

relationship Set<Contract> fk_cont_studio inverse Contract::studioname;

};

class Movie (extent Movies key(title, year)){

attribute string title;

attribute int year;

attribute int length;

relationship Set<Star> moviestar inverse Star:: starsin;

relationship Studio studioname inverse Studio::fk_std_movie;

relationship Set<Contract> fk_cont_movie inverse Contract::movieid;

};

class Star (extent Stars key(name)){

attribute string name;

attribute struct Addr{string street, string city} address;

relationship Set<Movie> starsin inverse Movie::moviestar;

relationship Set<Contract> fk_cont_star inverse Contract::starname;

};

class Contract (extent Contracts){

attribute double salary;

relationship Star starname inverse Star::fk_cont_star

relationship Studio studioname inverse Studio::fk_cont_studio

relationship Movie movieid inverse Movie:: fk_cont_movie;};
```