1-List information for films with a rental price over $4.

$\sigma_{RentalPrice>4}(Film)$

2-List the titles of films with a rental price over $4.

$\pi_{Title}(\sigma_{RentalPrice>4}(Film))$

3-List outrageously priced films (over $4 or under $1).

$\sigma_{RetalPrice>4 or RetalPrice<1}(Film)$

4-List the ID numbers of the films that are expensive1 and have been reserved.

$\pi_{FilmID}(\sigma_{RetalPrice>4}(Film) \bowtie Resevered)$

5-List the IDs of the expensive films that have not been reserved.

$\pi_{FilmID}(\sigma_{RetalPrice>4}(Film) - Reserved)$

6-List the titles of all reserved films.

$\sigma_{Title}(Film \bowtie Reserved)$

7-List the customers who have reserved film(s).
$\sigma_{CustomerID,Name,Street,City,State,Zipcode}(Customer \bowtie Reserved)$

8- List the customers who have reserved expensive films.
$\sigma_{CustomerID,Name,Street,City,State,Zipcode}(\sigma_{RetalPrice>4}(Film) \bowtie Reserved) \bowtie Customer$

9- List the streets of customers who have reserved foreign films.
$\pi_{Street}(\sigma_{kind=' foreign\ film'}(Film) \bowtie Reserved) \bowtie Customer$

10-List the customers who have reserved all the foreign films.
$Reserved \div \pi_{FilmID}(\sigma_{kind=' foreign\ film'}(Film))$

11- Find the film(s) with the highest rental price.

$\pi(Film) -$
$\pi_{R_1.FilmID,R_1.Title,R_1.RentalPrice,R_1.Kind}(\rho_{R_1}(Film) \bowtie_{R_1.RetalPrice<R2.RentalPrice} \rho_{R_2}(Film))$