# Problem 4 – Box Office

Write a PHP program that reads several **lines of information about movie screenings**, **filters the screenings in a range of seats filled** and prints them in HTML **<div></div>** tags.

You will be given a **list**, **minimum seats**, **maximum seats**, **genre filter** and **order**. You must print **only the screenings in the seats filled range between minimum and maximum seats**. The movies’ **genre should also correspond to the given filter**. Finally, the remaining movie screenings should be **sorted by movie name** is **ascending**/**descending** order. If there **is more than one screening for a certain movie**, a **secondary sorting** should be performed by **total number of filled seats** in ascending order.

### Input

The input data should be read from an **HTTP GET request**. The movie screenings list will come from the **textarea 'list'**, holding each screening on a separate line. The minimum and maximum seats filters will come from input fields, respectively **'minSeats'** and **'maxSeats'**. The genre filter will come from the input field **'genre'**. The order will come from the input field **'order'**.

### Output

Print each screening with seats filled in the given range (inclusive) and with a genre corresponding to the genre filter. Each screening should be printed in its own **<div class="screening"></div>** tags. The movie's name should be printed in **<h2></h2>** tags. The movie’s stars should be printed as list items **<li class="star"></li>** in an unordered list **<ul></ul>**. The seats filled should be printed in **<span class="seatsFilled">[x] seats filled</span**> tags. The output should be exactly like in the example below. Ensure your output is properly encoded (use the **htmlspecialchars()** function).

### Constraints

* The movie genre will be **'comedy', ‘drama’, ‘thriller’, ‘horror’, ‘fantasy’, ‘adventure’** or **'action'**.
* The genre **filter** will hold one of the genres or: **'all'**.
* The **minSeats** and **maxSeats** will be positive integer numbers not more than 9999.
* The screenings will be in the format **[movie name] ([genre])- [stars] / [seats filled]**.
* The stars will be **comma + space** separated.

### Examples

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| **Input** | | | | | |
| list | The Hobbit: The Battle of the Five Armies (adventure)- Ian McKellen, Martin Freeman, Richard Armitage, Cate Blanchett / 300  Night at the Museum: Secret of the Tomb (comedy)- Ben Stiller, Robin Williams, Owen Wilson, Dick Van Dyke / 200  Annie (comedy)- Quvenzhane Wallis, Cameron Diaz, Jamie Foxx, Rose Byrne / 160  Night at the Museum: Secret of the Tomb (comedy)- Ben Stiller, Robin Williams, Owen Wilson, Dick Van Dyke / 180  Exodus: Gods and Kings (action)- Christian Bale, Joel Edgerton, Ben Kingsley, Sigourney Weaver / 250 | | | | |
| minSeats | | 160 |  | genre | comedy |
| maxSeats | | 300 |  | order | ascending |

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| **Output** |
| <div class="screening"><h2>Annie</h2><ul><li class="star">Quvenzhane Wallis</li><li class="star">Cameron Diaz</li><li class="star">Jamie Foxx</li><li class="star">Rose Byrne</li></ul><span class="seatsFilled">160 seats filled</span></div><div class="screening"><h2>Night at the Museum: Secret of the Tomb</h2><ul><li class="star">Ben Stiller</li><li class="star">Robin Williams</li><li class="star">Owen Wilson</li><li class="star">Dick Van Dyke</li></ul><span class="seatsFilled">180 seats filled</span></div><div class="screening"><h2>Night at the Museum: Secret of the Tomb</h2><ul><li class="star">Ben Stiller</li><li class="star">Robin Williams</li><li class="star">Owen Wilson</li><li class="star">Dick Van Dyke</li></ul><span class="seatsFilled">200 seats filled</span></div> |
| **Output in the Browser** |
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