

Pseudo Code

1. START
2. Ask: "How many friends are coming for the movie?"
3. Ask each friend attending to vote for a genre (1=Action, 2=Comedy, 3=Horror, 4=Drama).
4. Count all the votes.
5. Select the genre with the highest votes.
6. Check if the highest-voted genre is available in the theater.
7. If not available, check the second highest-voted genre.
8. If still not available, check the third highest-voted genre.
9. If still not available, check the fourth highest-voted genre.
10. If any of steps 6 to 9 succeed, choose that movie.
11. If none are available, cancel the plan.
12. END

Flow Chart

