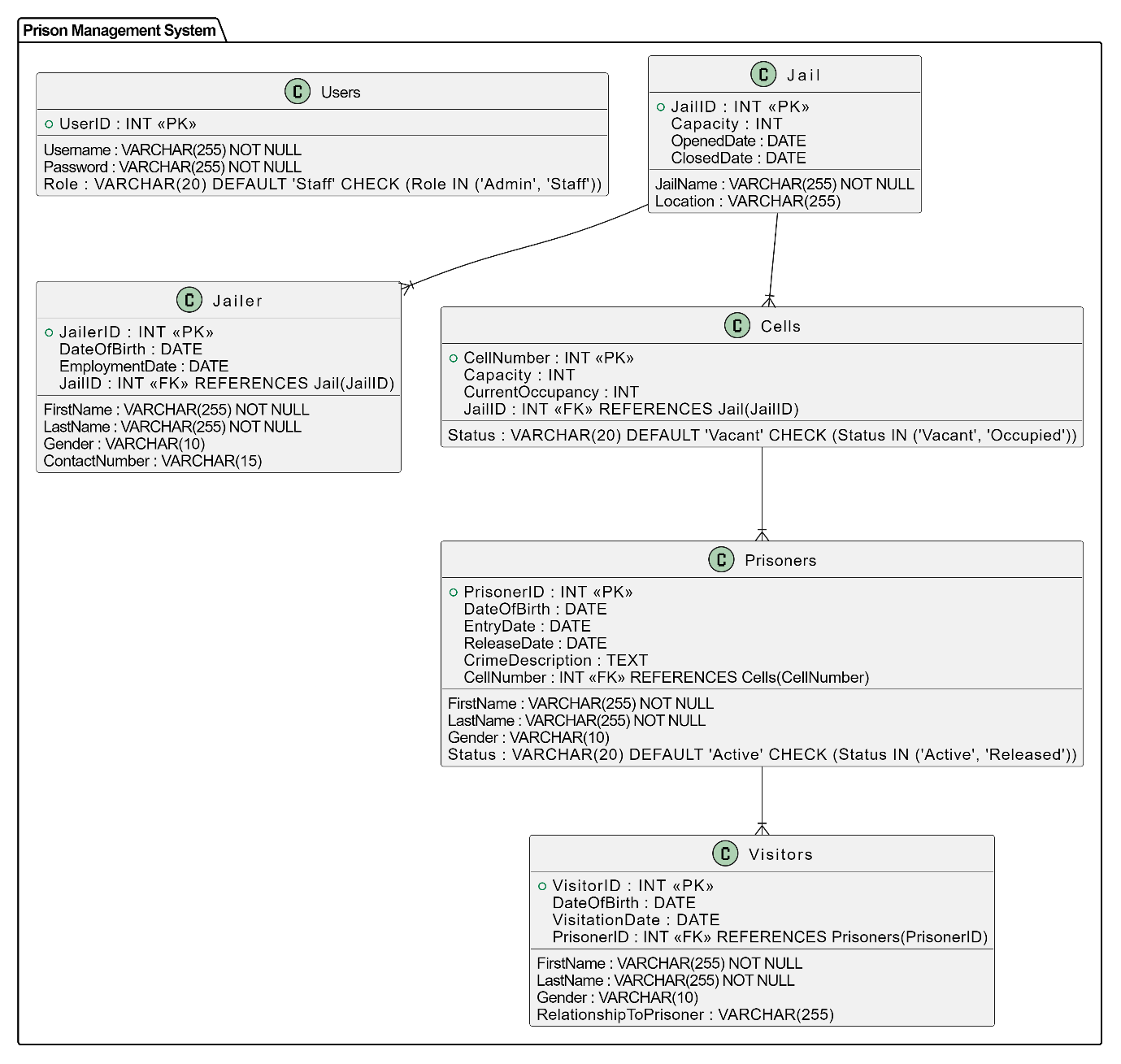
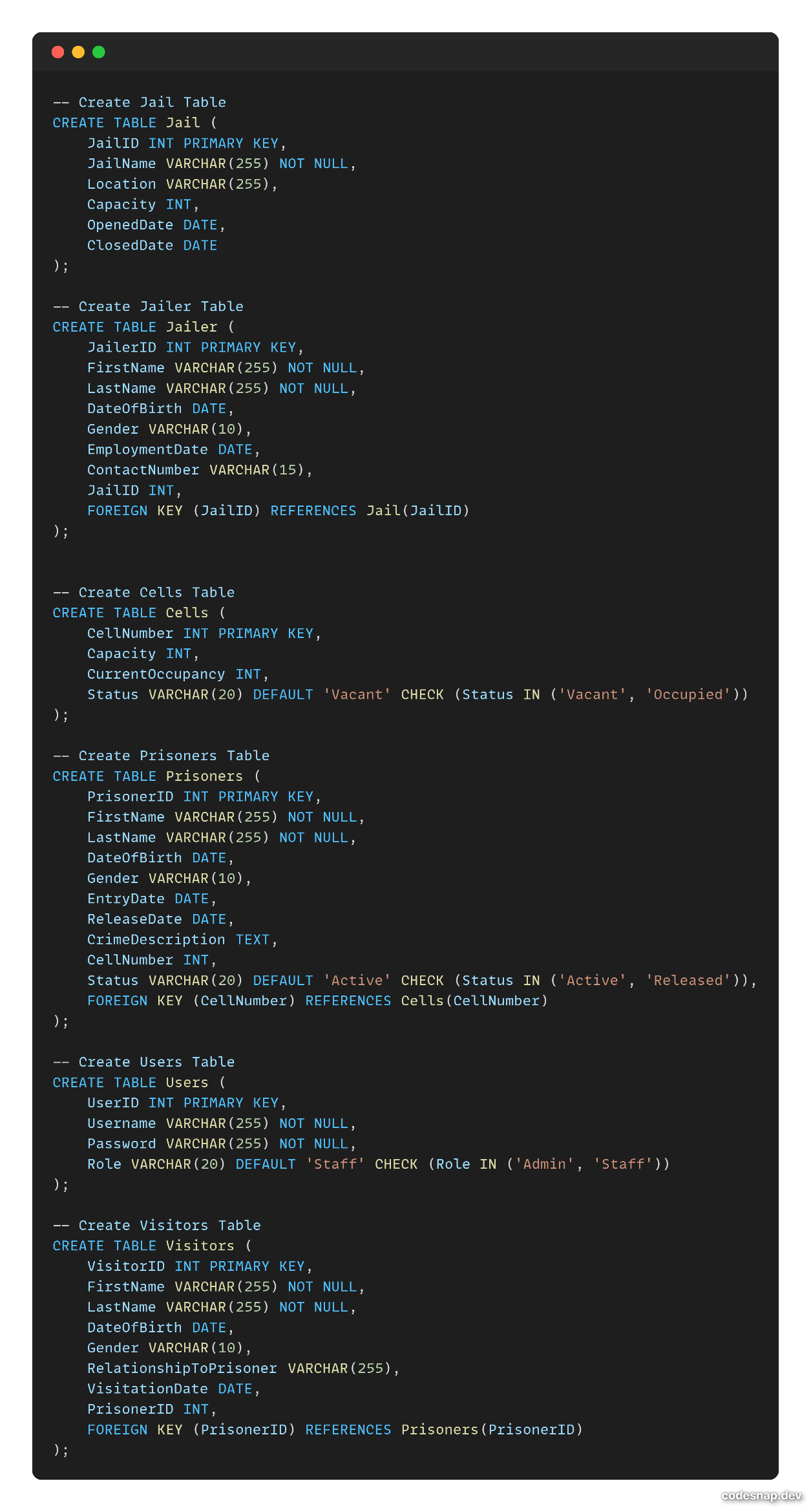
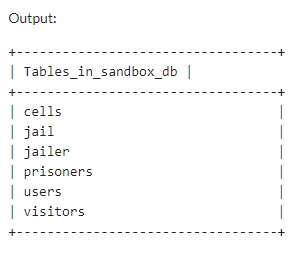
Tool used: draw.io

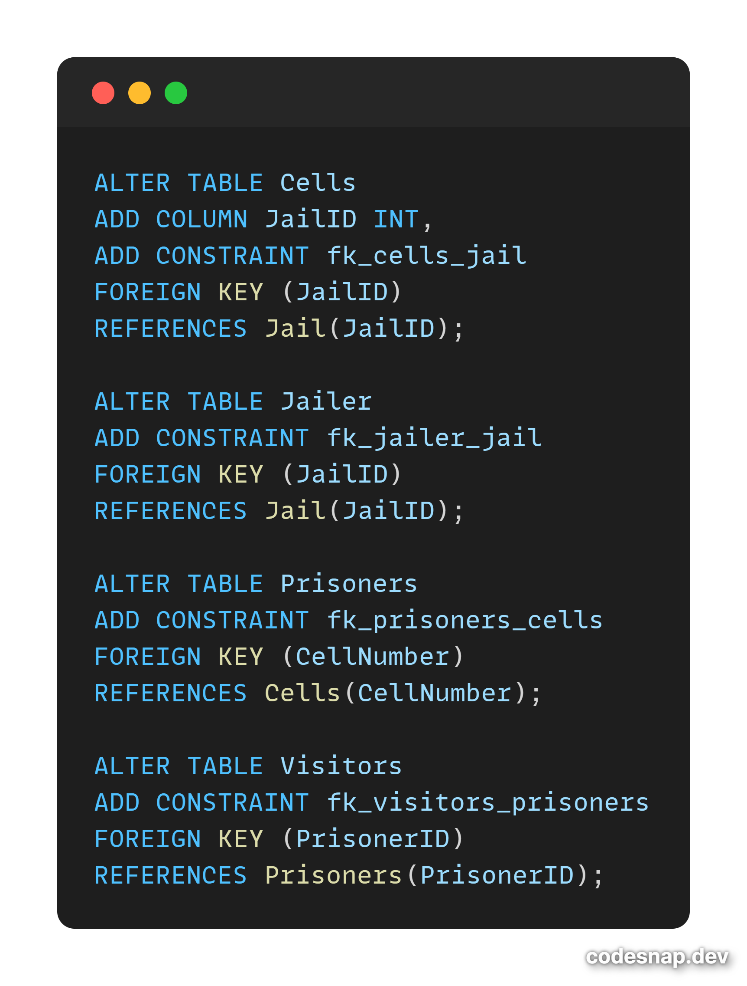


Creating Tables

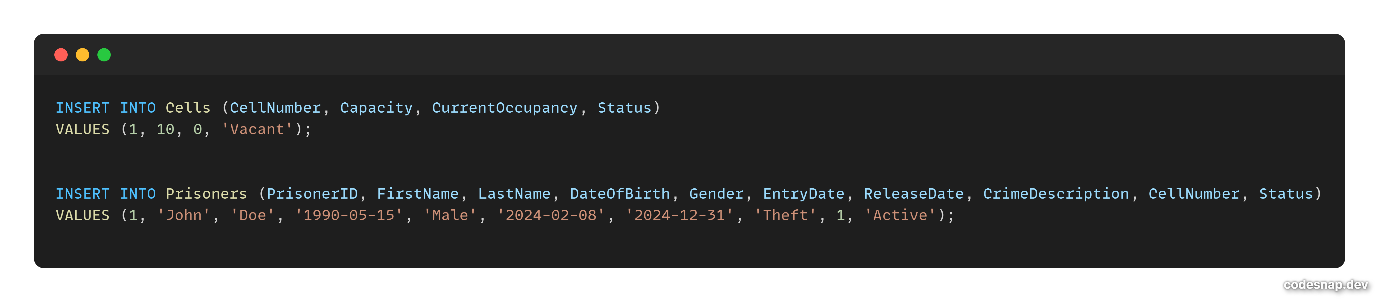




Implementing relationships and Foreign keys

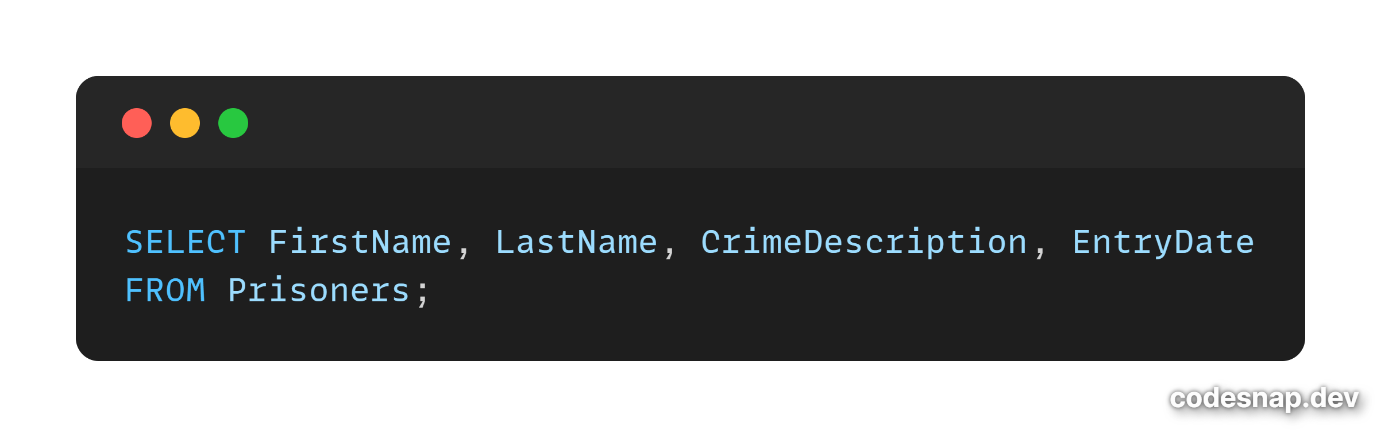
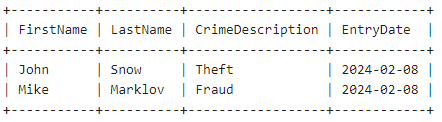


Query to add new prisoners.

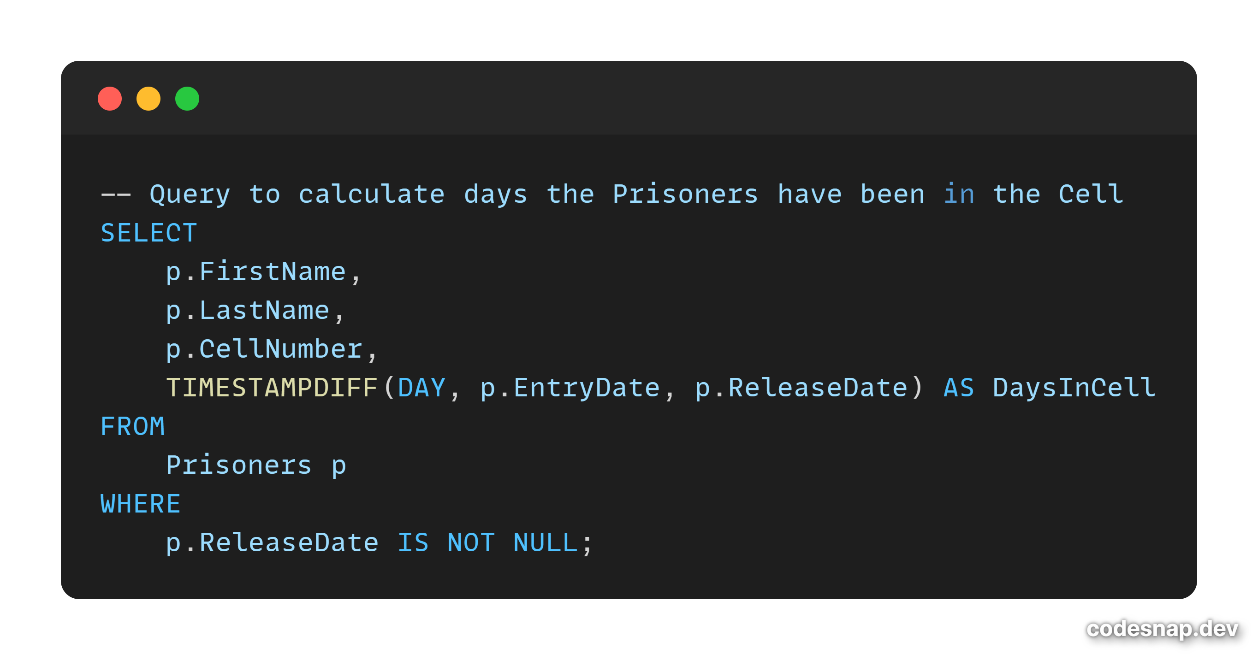


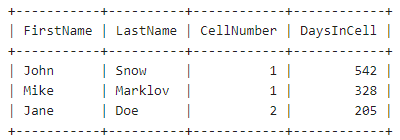


Query to show all convicts with their Crime tagged with entry date

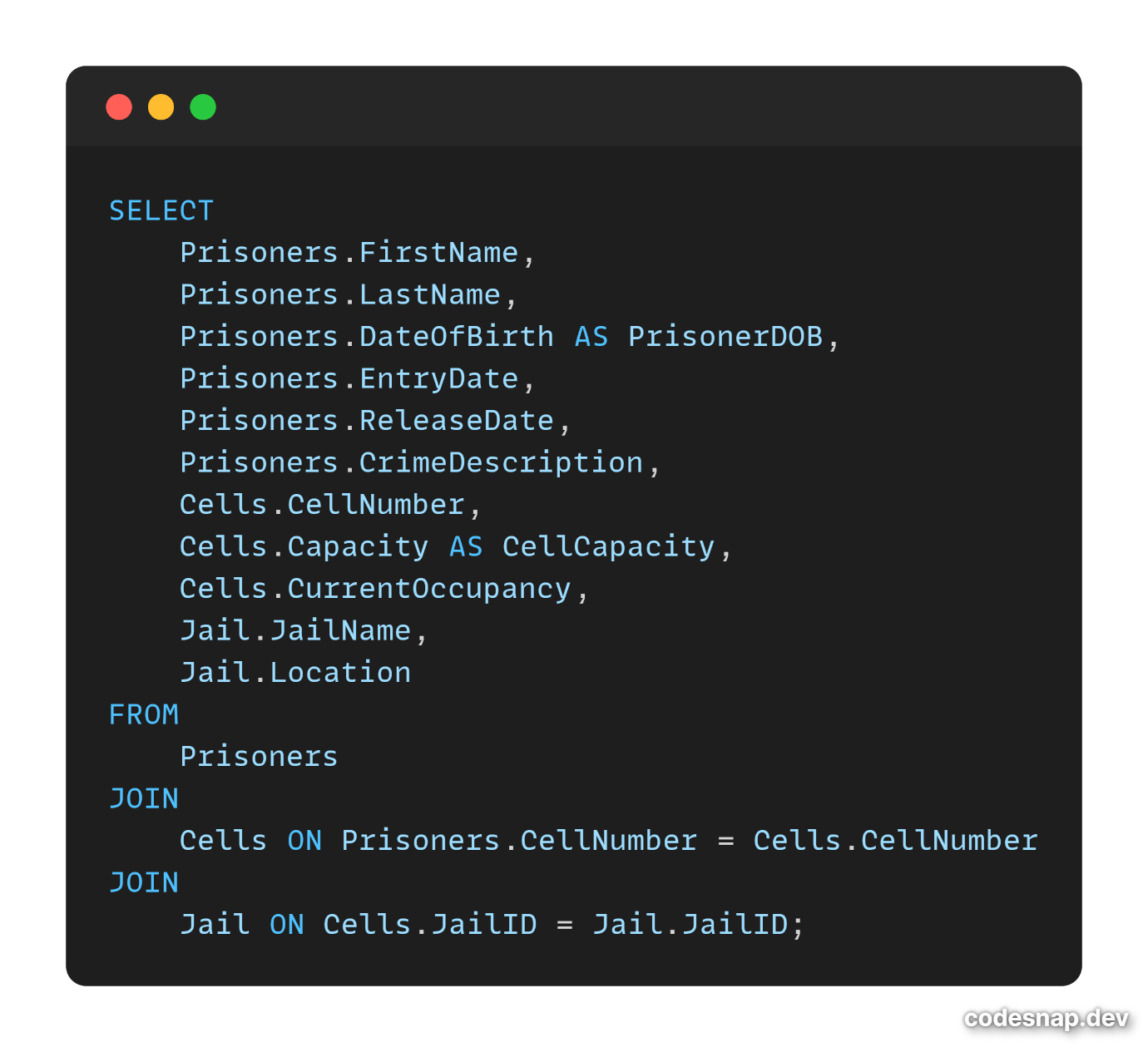
 

Query to calculate days the Prisoners have been in the Cell.





Query to fetch and show data from various related tables.



Optimize repeated read operations using views/materialized views.