

INSERT(R_u, T): Insert into relation r_u the set of tuples T , where each $t \in T$ is defined over $\alpha(R_u)$.

DELETE(R_u, \mathcal{E}_D): Delete from relation r_u all tuples satisfying condition \mathcal{E}_D where \mathcal{E}_D is a selection condition over $\alpha(R_u)$.