Provide the MapReduce pseudo-code implementation of the following relational operators.

- Aggregation ($\gamma_{A,f}(T)$)

- Selection ($\sigma_P(T)$)

- Join (T $_{T.A = S.B}$ S)

- Union (T U S)

- Difference (T \ S)

- Intersection (T ∩ S)

In all cases, the signature of the methods must be:

- map(key k, value v)

- reduce(key ik, vset ivs)