$Q1 \leftarrow \Pi_{CHAMPIONS.FighterID,\, CHAMPIONS.WeightClass,\, CHAMPIONS.Date} \left(\sigma_{Ranking=C \,\wedge\, Date > currentdate-3\, years} (FIGHTERS) \right)$

$Q2_{(FightingStyle,\, Summary,\, Wins,\, Takedowns)} \leftarrow {}_{(FIGHTERSTYLES.FightingStyles,\, FIGHTINGSTYLES.Summary)} \mathfrak{I}_{\sum (FIGHTERS.Wins),\, \sum (FIGHTERS.NumOfTakedowns)} \left((FIGHTERS) \bowtie_{FIGHTERS.FighterID=FIGHTERSTYLES.FighterID} (FIGHTERSTYLES) \right) \bowtie_{FIGHTERSTYLES.FightingStyles=FIGHTINGSTYLES.Name} (FIGHTINGSTYLES)$

$Q3 \leftarrow \Pi_{FIGHTERS.Country,\, FIGHTERS.WeightClass,\, FIGHTERS.FighterID,\, FIGHTERS.Lname,\, FIGHTERSTYLES.Name} \left(\sigma_{Active=true} (FIGHTERS) \right) \bowtie_{FIGHTERS.FighterID=FIGHTERSTYLES.FighterID} (FIGHTERSTYLES)$

$Q4 \leftarrow \Pi_{MatchID,\, Date,\, Victory,\, NumOfRounds} \left(\sigma_{Date=2023} (MATCHES) \right)$

$Q5 \leftarrow \Pi_{FighterID,\, WghtMissed,\, Fine,\, CheckInDate} (MISSED\_WEIGHT)$

$Q6 \leftarrow \left(\Pi_{Date,\, Time,\, Location} \left(\sigma_{Date > CurrentDate} (MATCHES) \right) \right) \bowtie_{Fighter\,1\,ID=FighterID} \left(\Pi_{Fname,\, Lname} (FIGHTERS) \right) \bowtie_{Fighter\,2\,ID=FighterID} \left(\Pi_{Fname,\, Lname} (FIGHTERS) \right)$