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**Algorithm 1** Get Candidate list

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1: procedure GET CANDIDATE LIST(statement_list)
2:   for Statements in Statement list do      ▶ Become Producer statement
3:     if Statement is Merged statement then
4:       Benefit = Result size + Benefit      ▶ Existing benefit from merge
5:     else
6:       Benefit = Result size
7:
8:   Descendingly sort statement list w.r.t. Benefit
9: return Sorted statement list
```

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