Eliminate λ-productions from the following grammar.

1. S → aA | bB | λ
2. A → aa | λ
3. B → aS

1. S → aA | bB | λ

We can see that the production S → λ is a λ-production. To eliminate it, we need to remove any occurrence of S on the right-hand side of other production rules. In this case, we have S appearing in the rule B → aS. Let's remove this rule:

Revised Rule: B → a

The production S → λ can now be removed:

Revised Rule: S → aA | bB

2. A → aa | λ

The production A → λ is a λ-production. Since there are no other rules involving A, we can simply remove it:

Revised Rule: A → aa

3. B → aS

We have already modified the rule B → aS in the first step. There are no λ-productions left in the grammar.

Final Revised Grammar:

S → aA | bB
A → aa
B → a