

4 Rainhas

- Problema: colocar 4 rainhas num tabuleiro 4x4, de maneira que não se ataquem
- Uma rainha por linha: 4 variáveis representando a respectiva coluna

member(R1, [1,2,3,4])

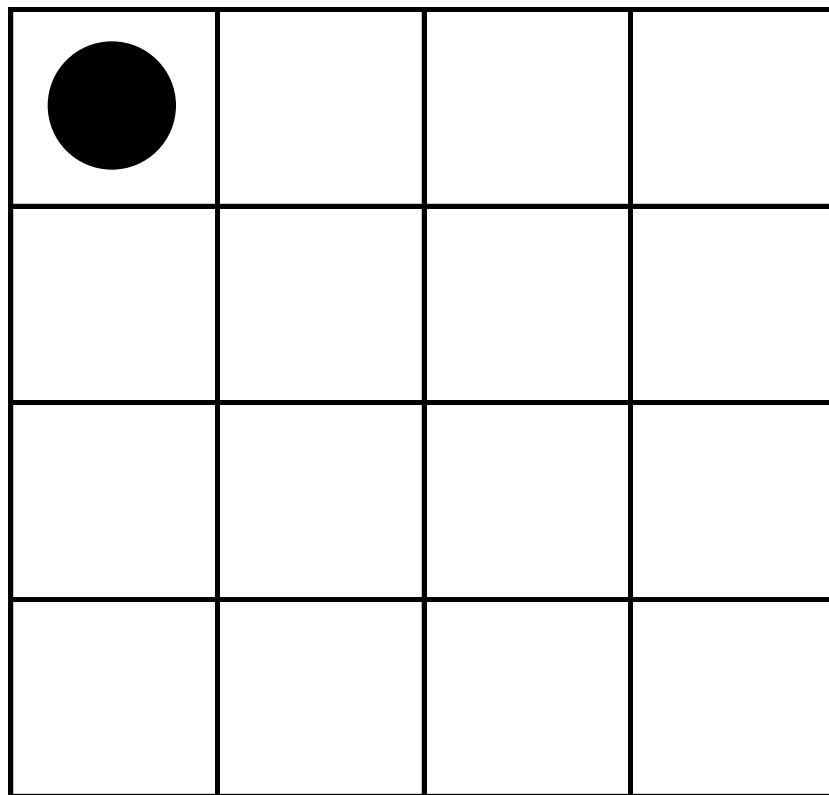
member(R2, [1,2,3,4])

member(R3, [1,2,3,4])

member(R4, [1,2,3,4])

testando que não se atacam

Retrocesso

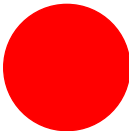
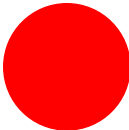


Retrocesso

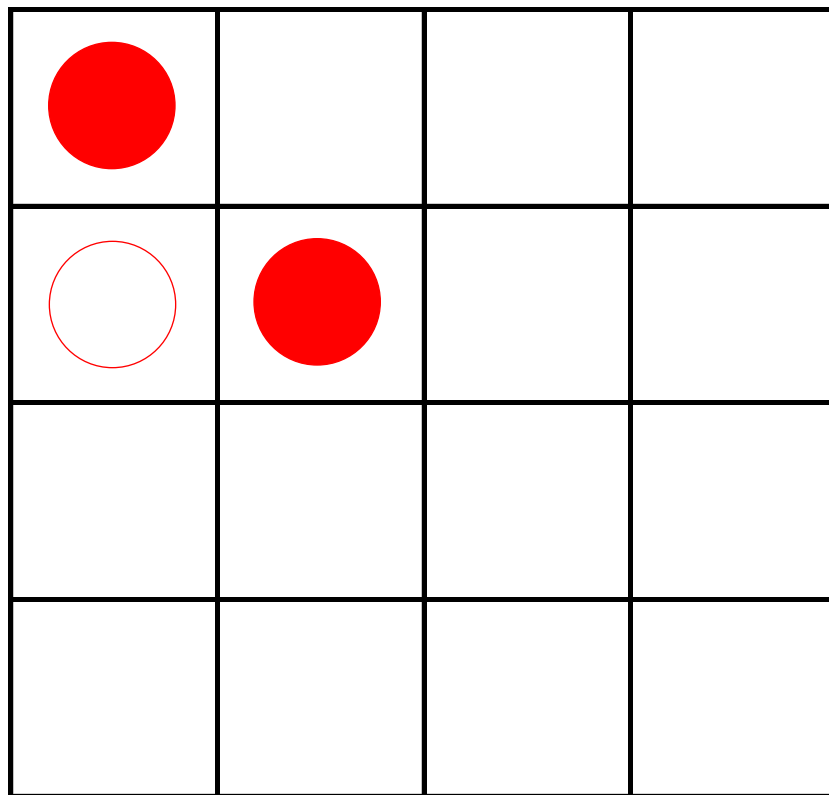
2ª rainha:

Falha 1ª
coluna;

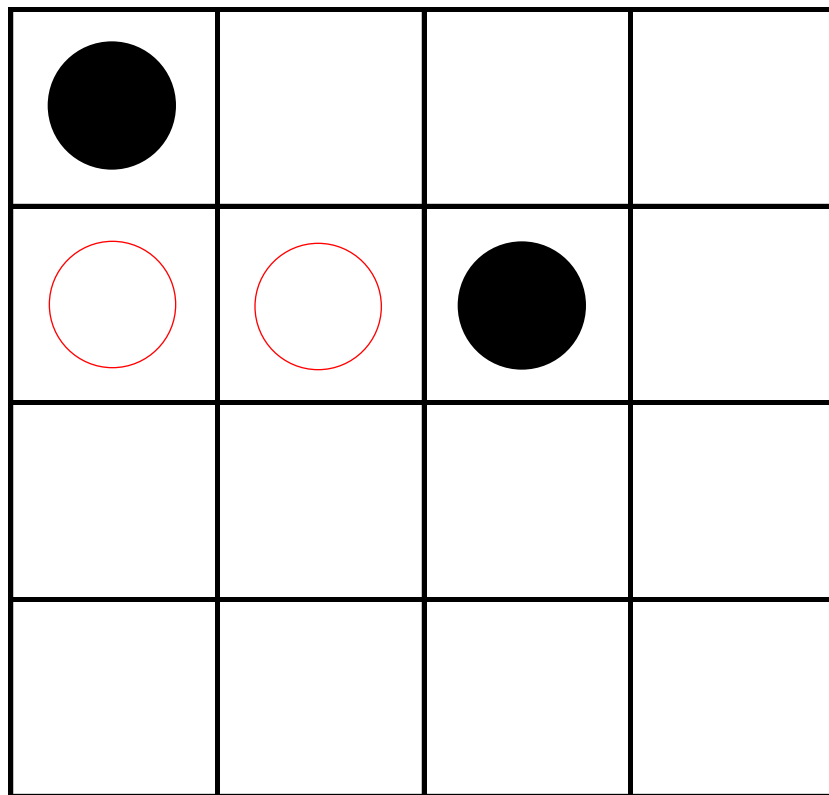
Tenta a
próxima
(retrocesso)

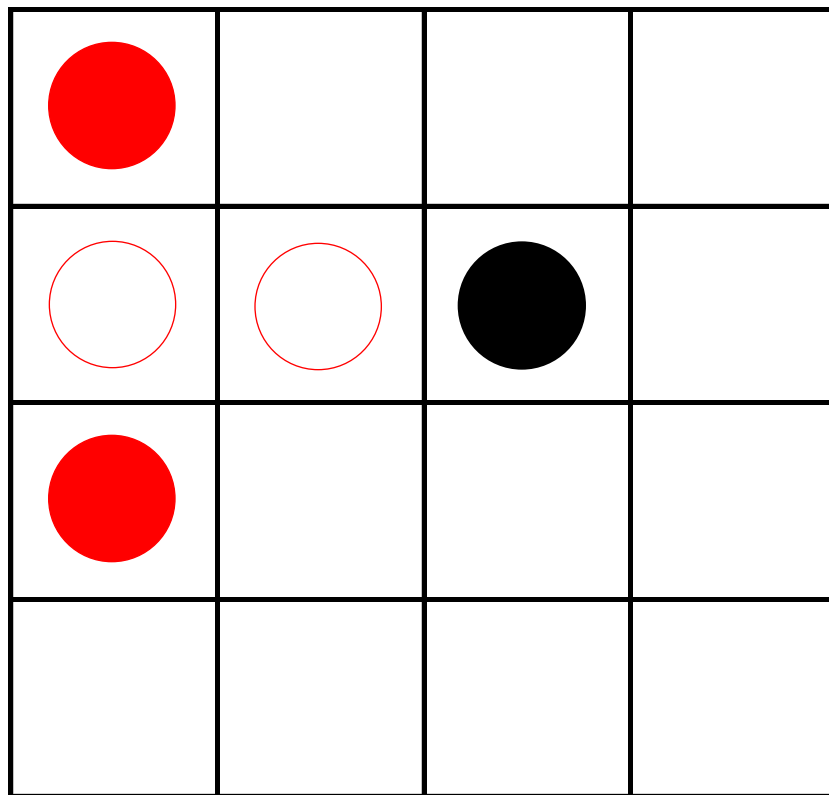
Retrocesso



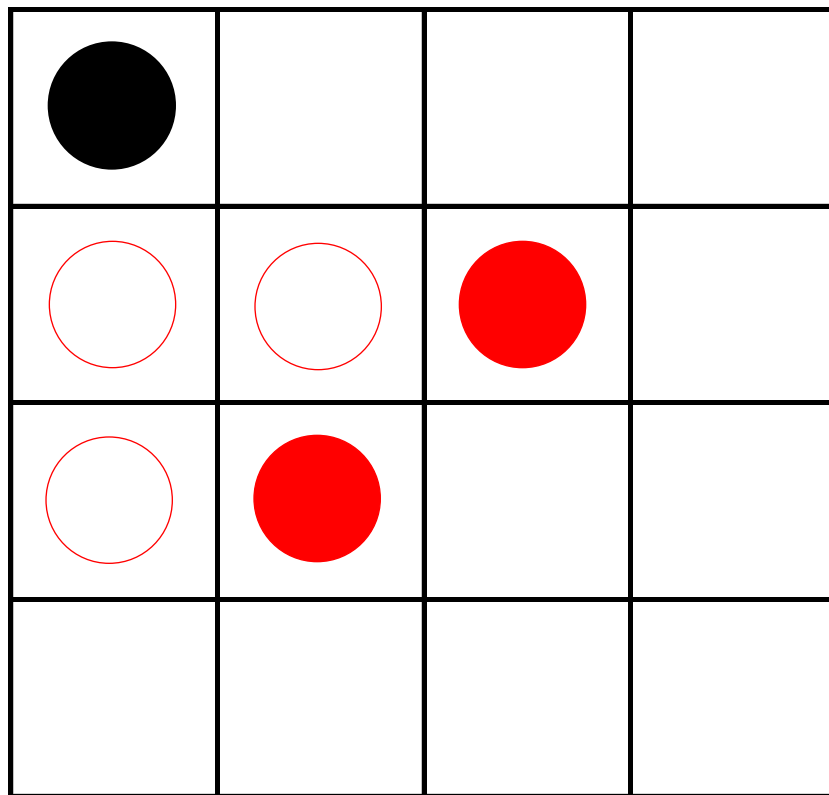
Retrocesso



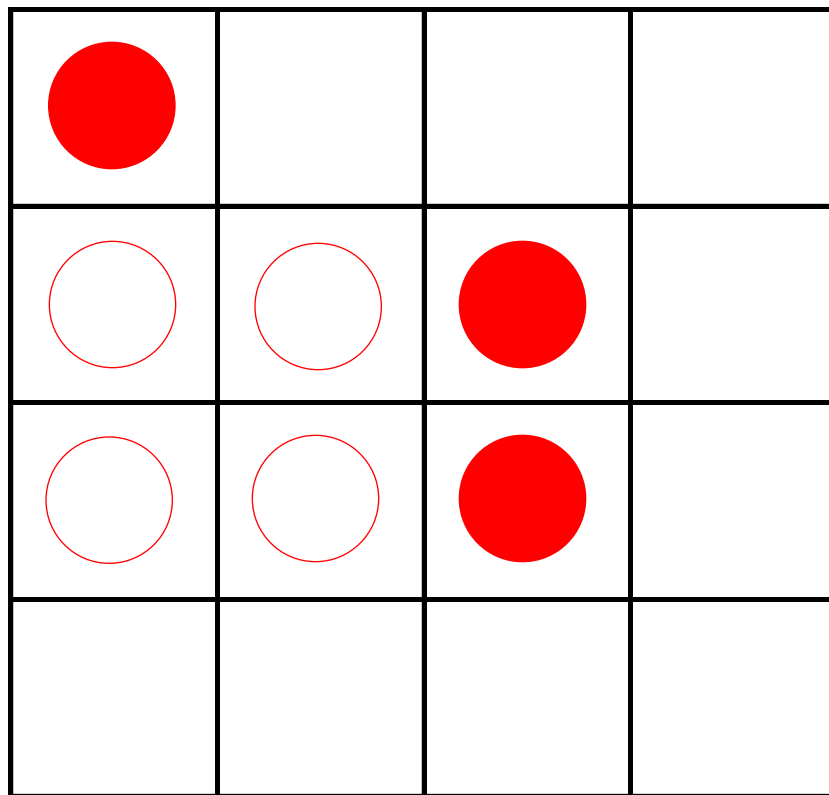
Retrocesso



Retrocesso



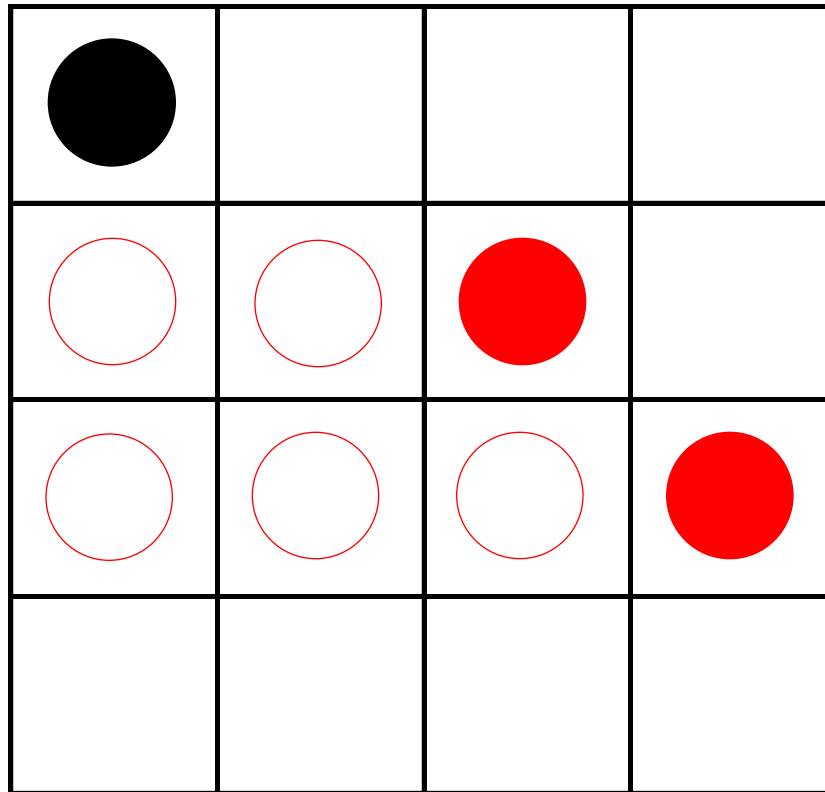
Retrocesso



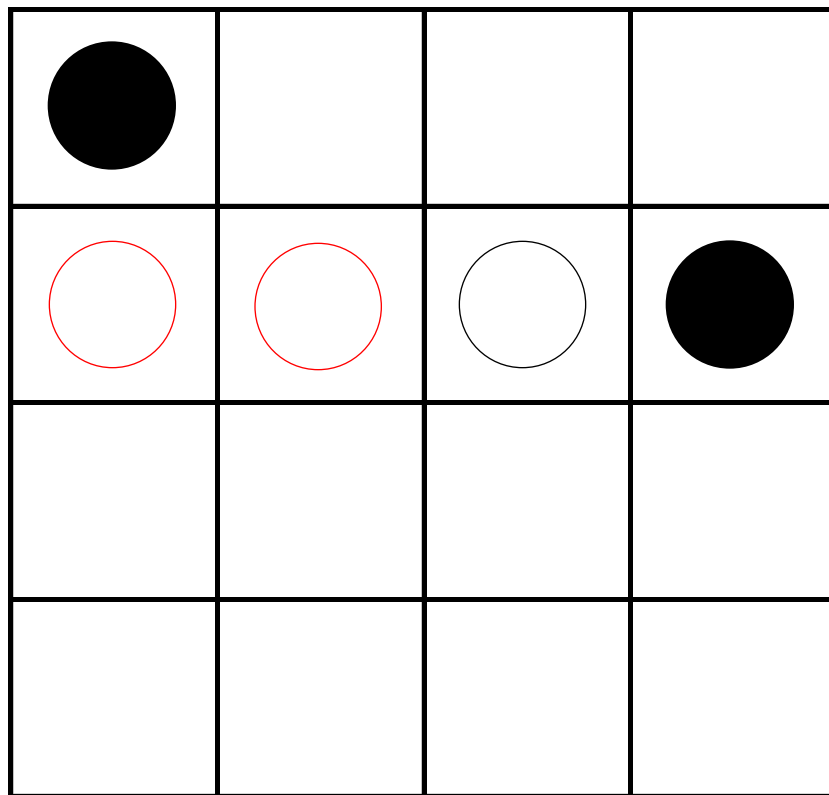
Retrocesso

Falha 3^a
rainha;

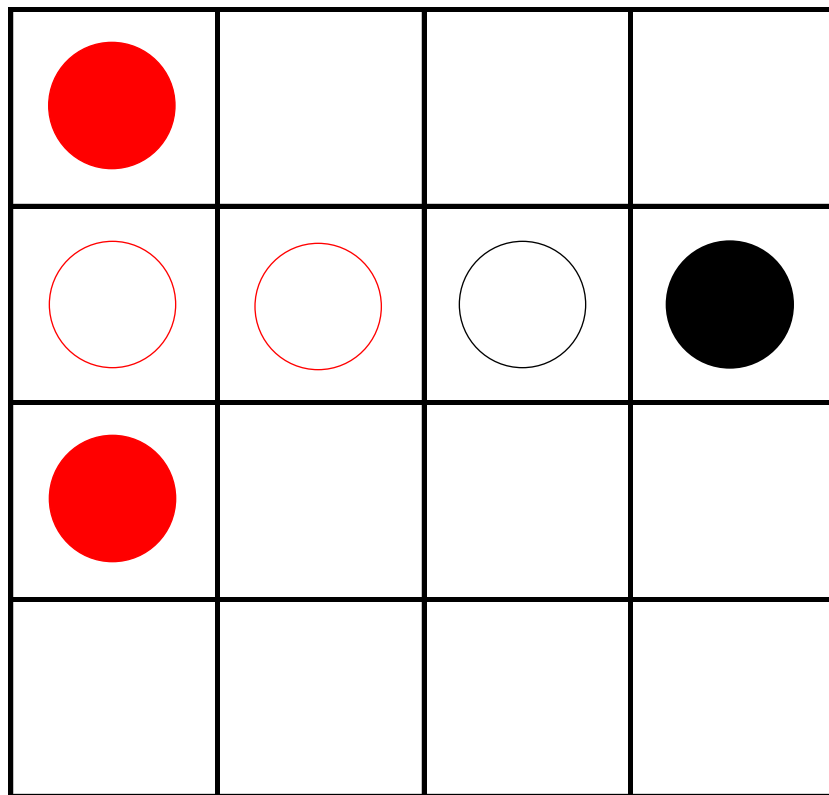
Retrocede
para a 2^a.



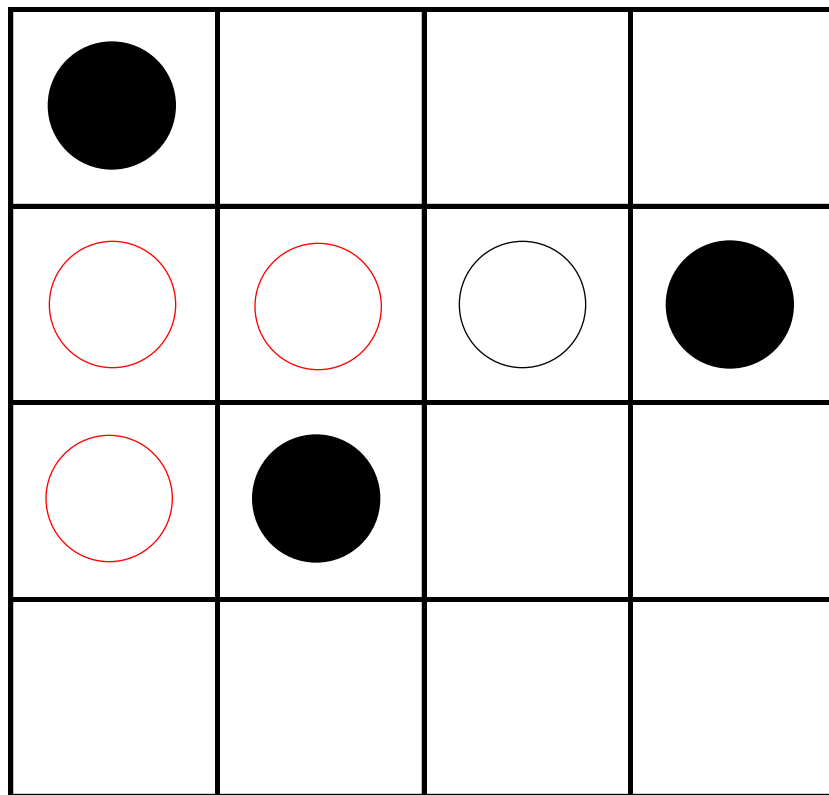
Retrocesso



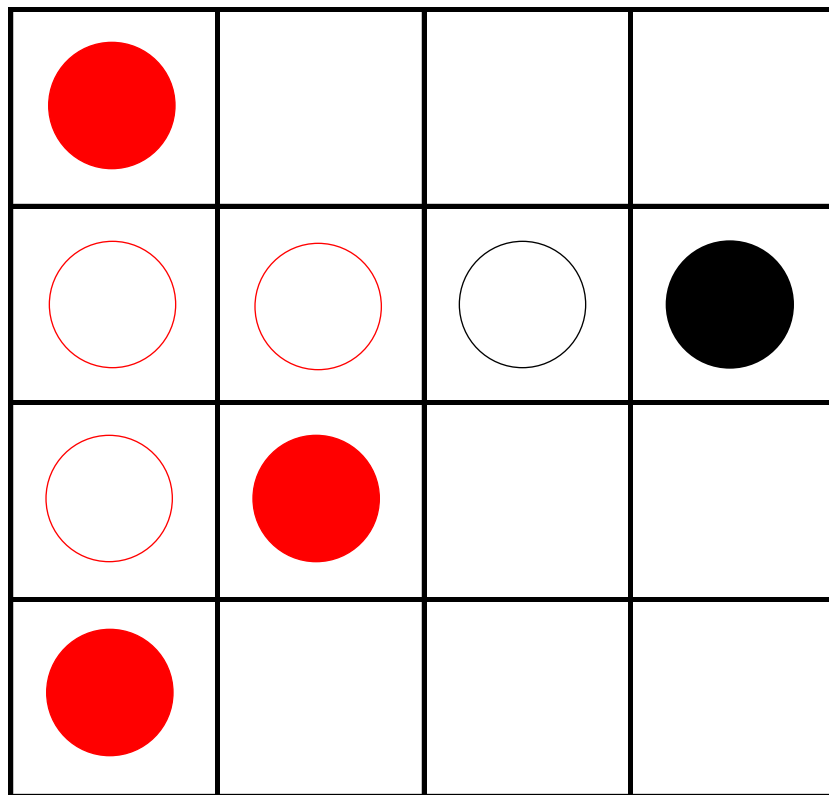
Retrocesso



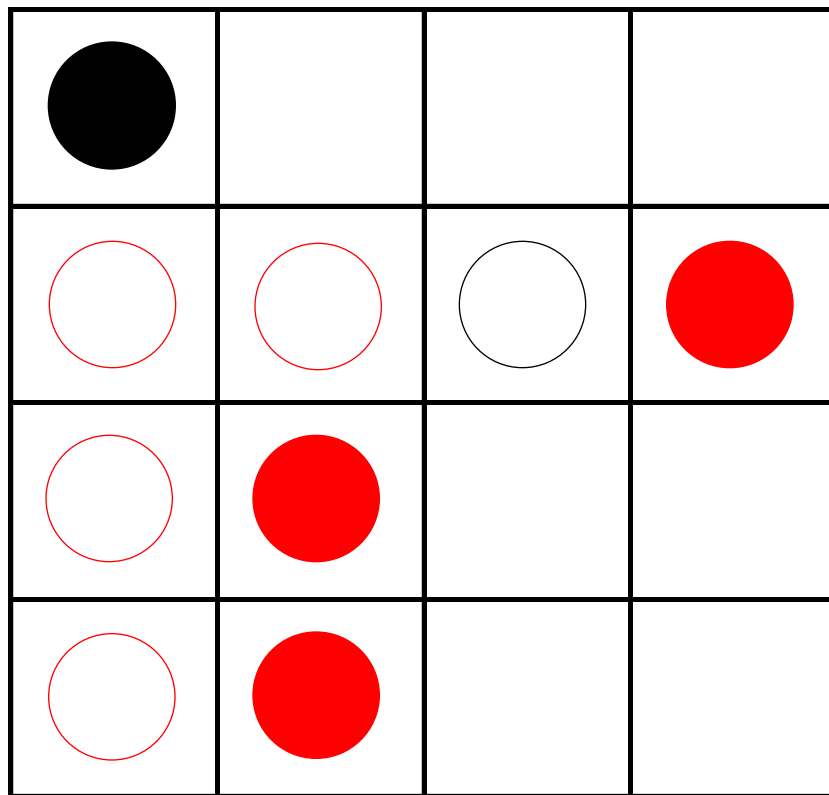
Retrocesso



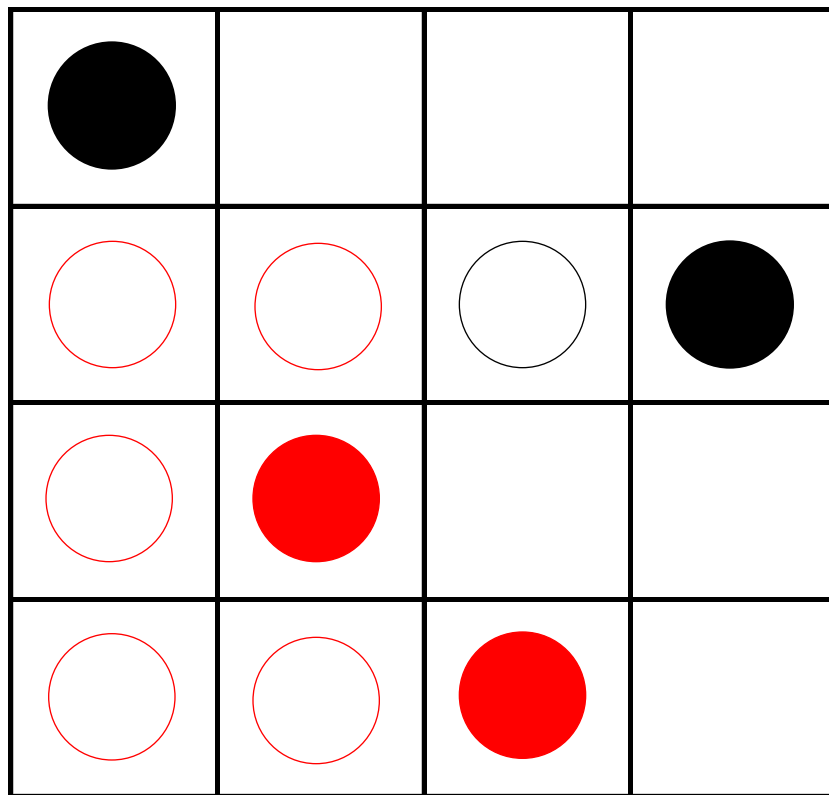
Retrocesso



Retrocesso



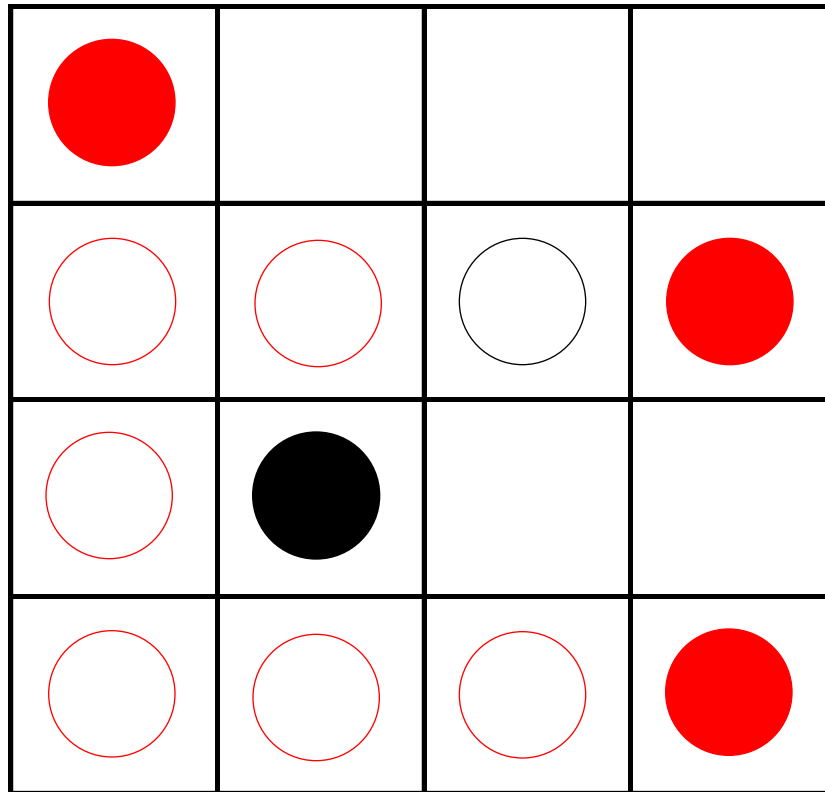
Retrocesso



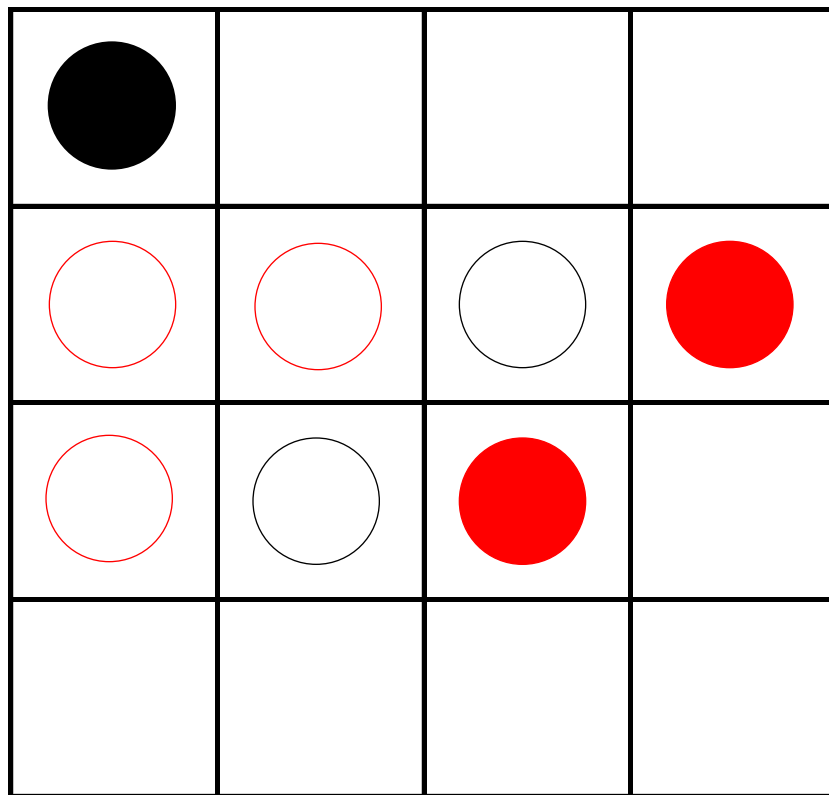
Retrocesso

Falha 4^a
rainha;

Retrocede
para a 3^a.



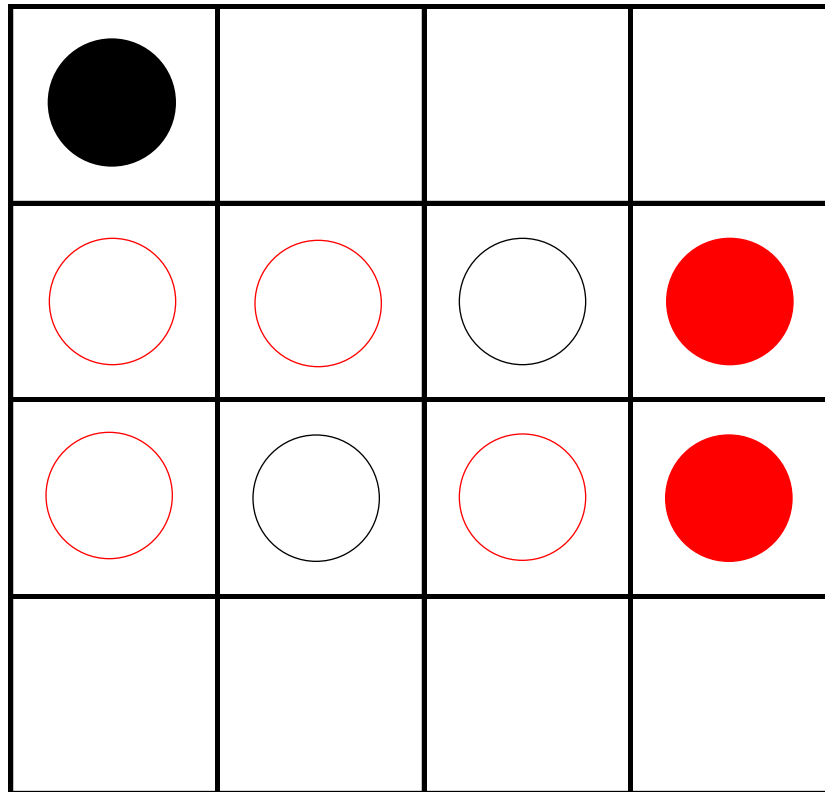
Retrocesso



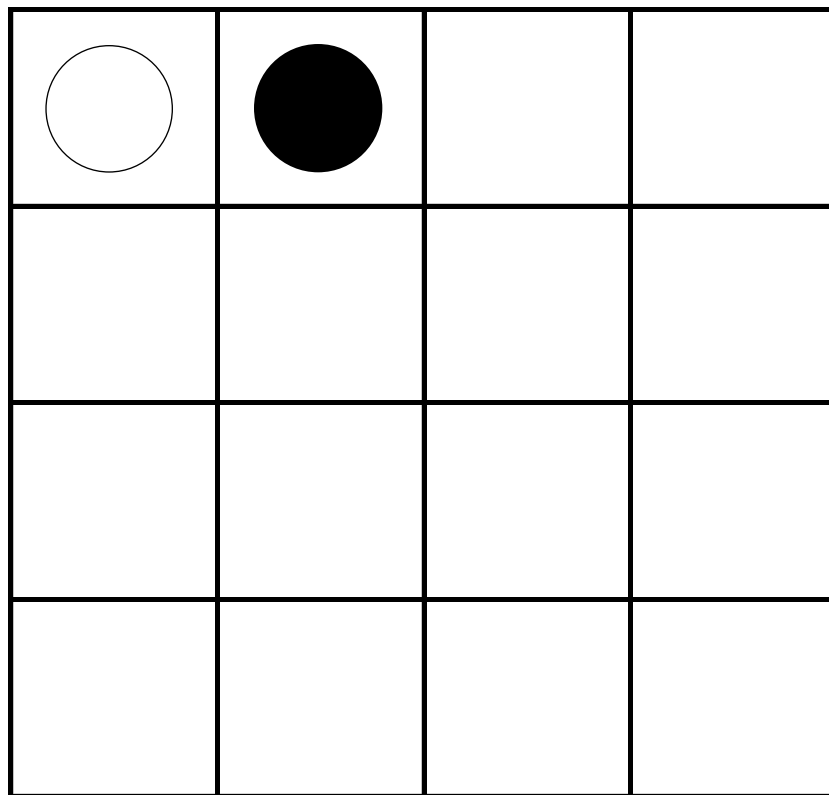
Retrocesso

Falha 3ª e
2ª rainha;

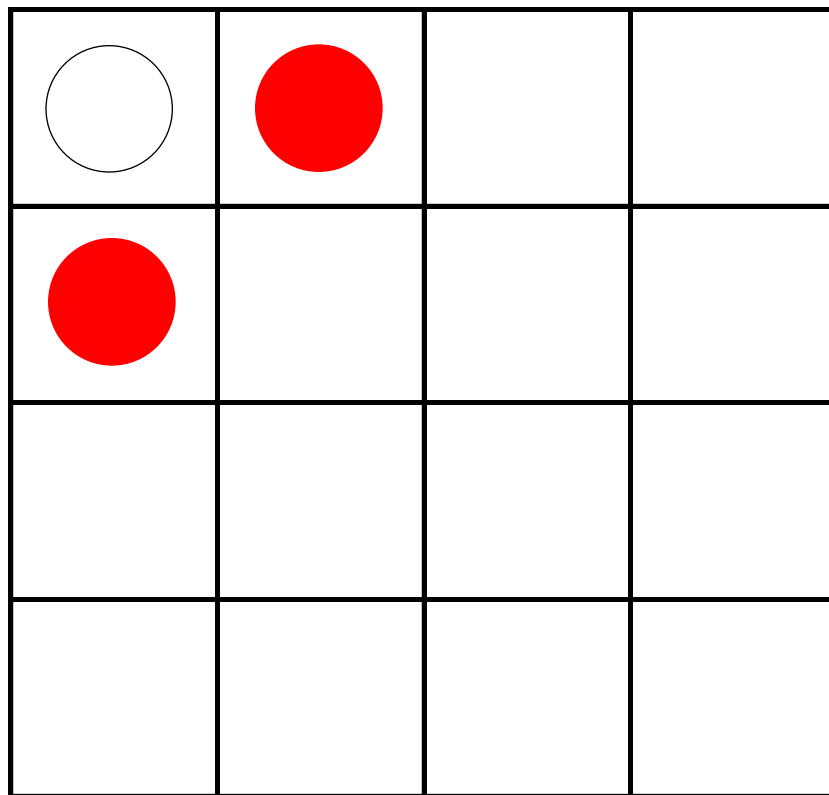
Retrocede
para a 1ª.



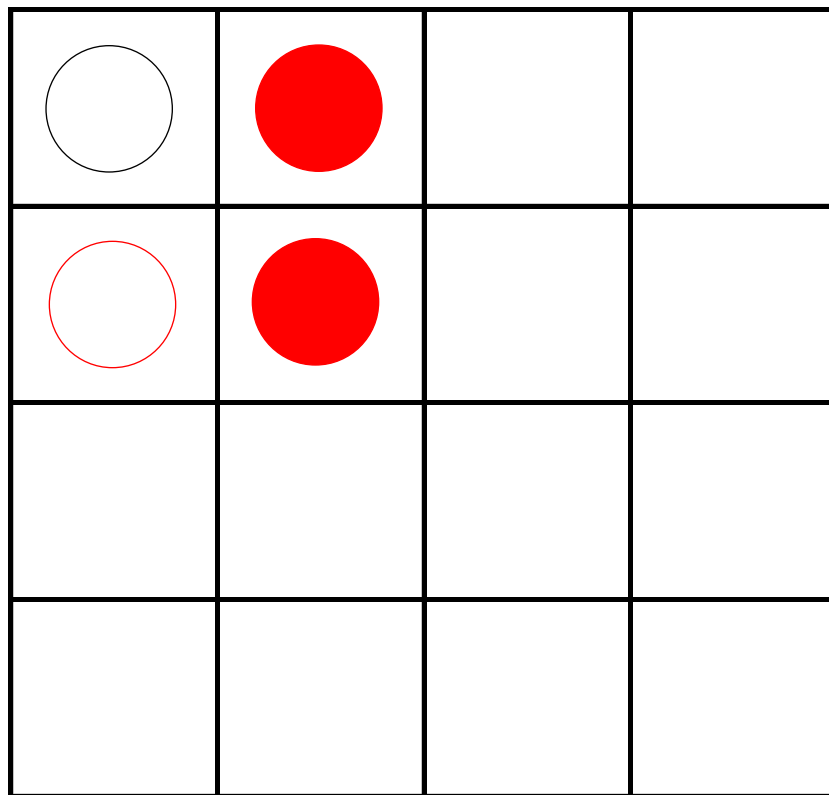
Retrocesso



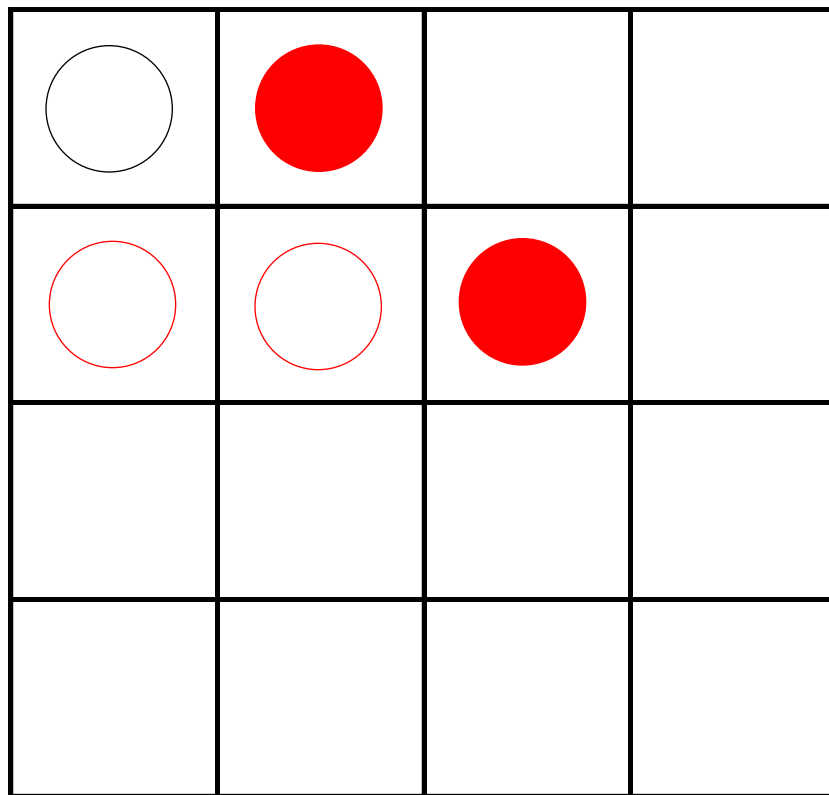
Retrocesso



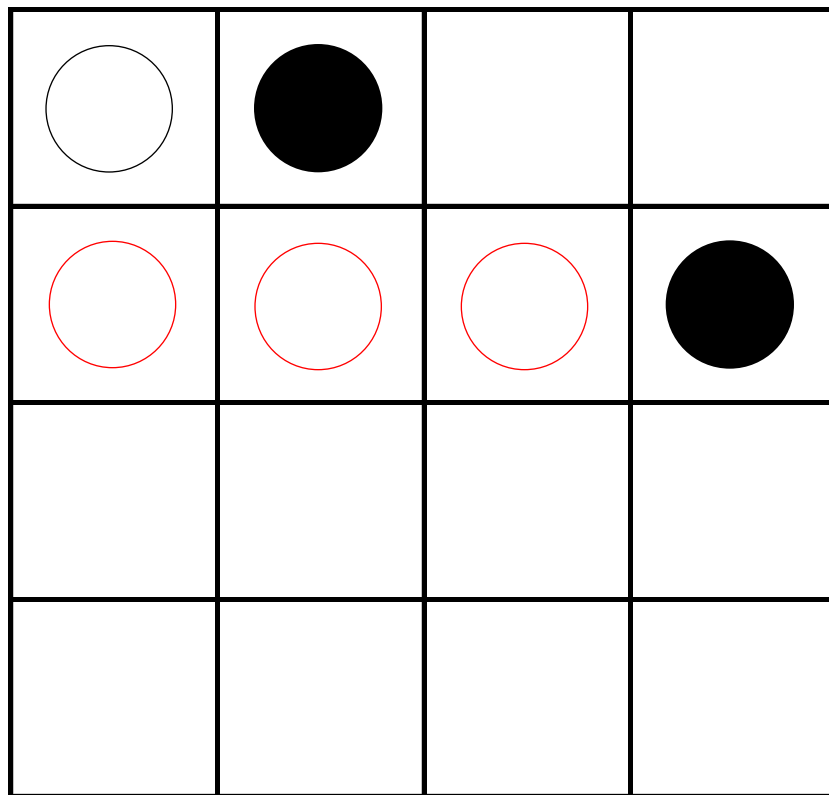
Retrocesso



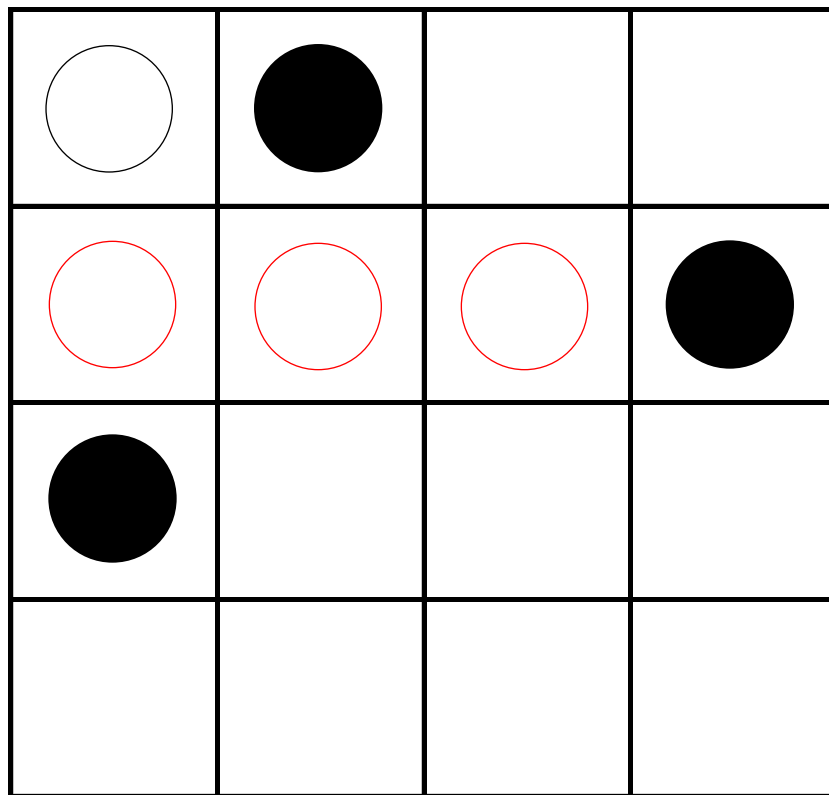
Retrocesso



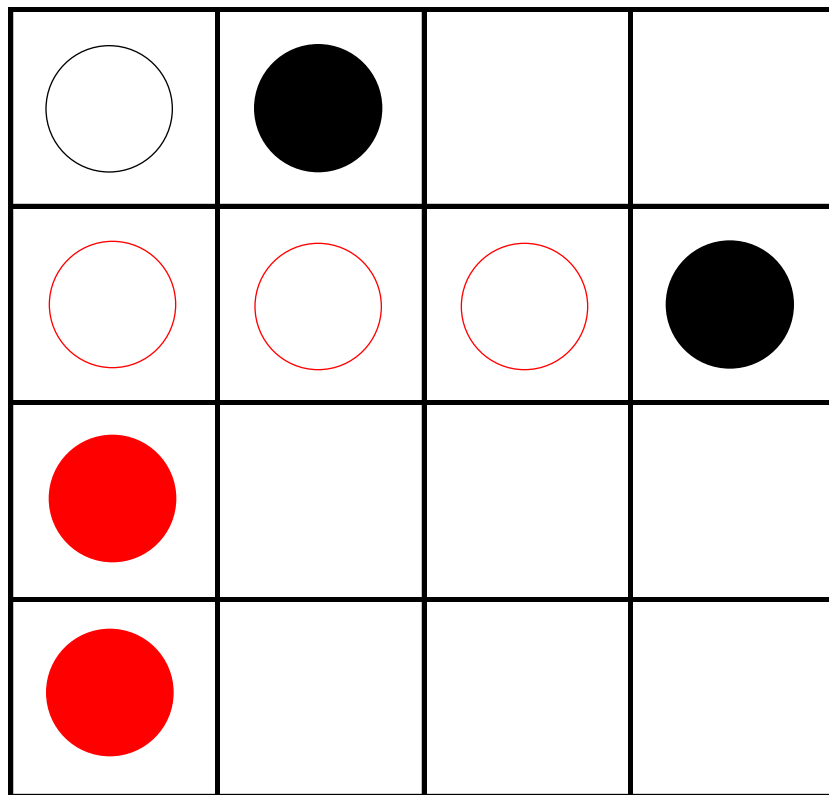
Retrocesso



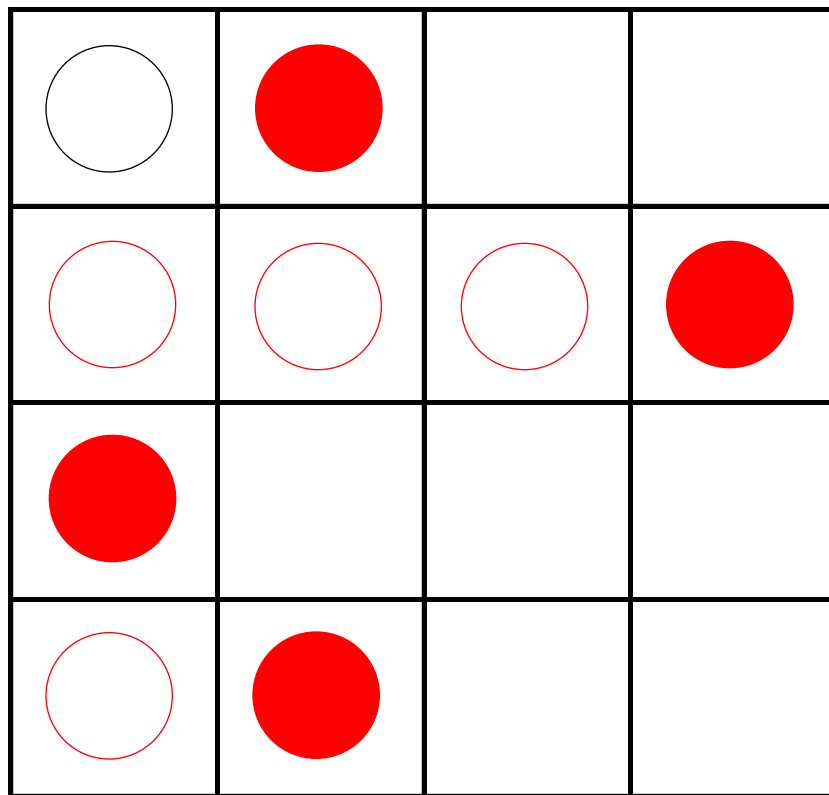
Retrocesso



Retrocesso

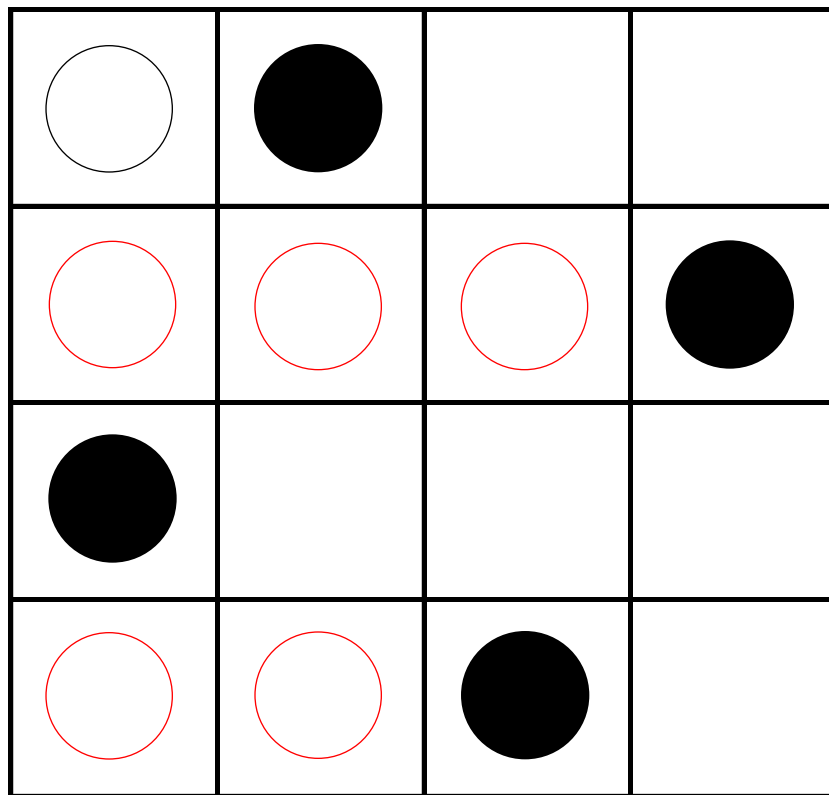


Retrocesso



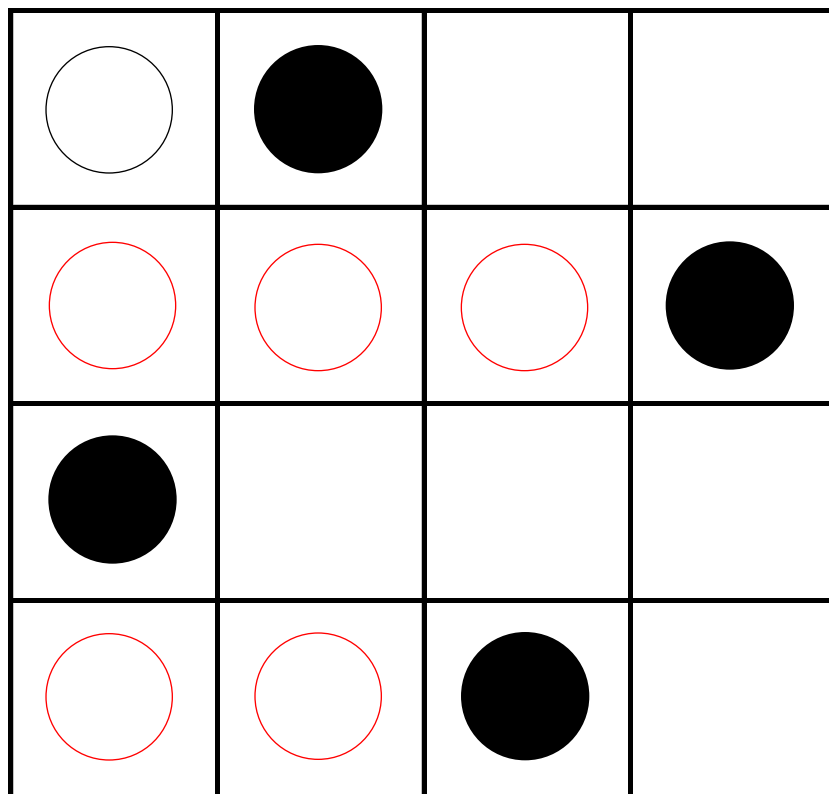
Retrocesso

Sucesso!



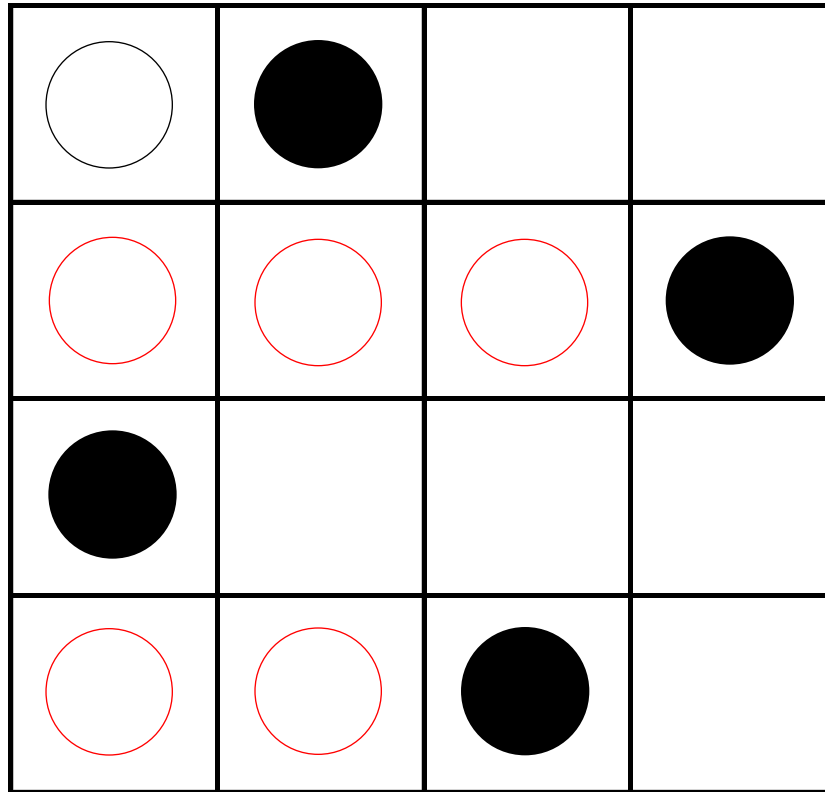
Retrocesso

Sucesso!



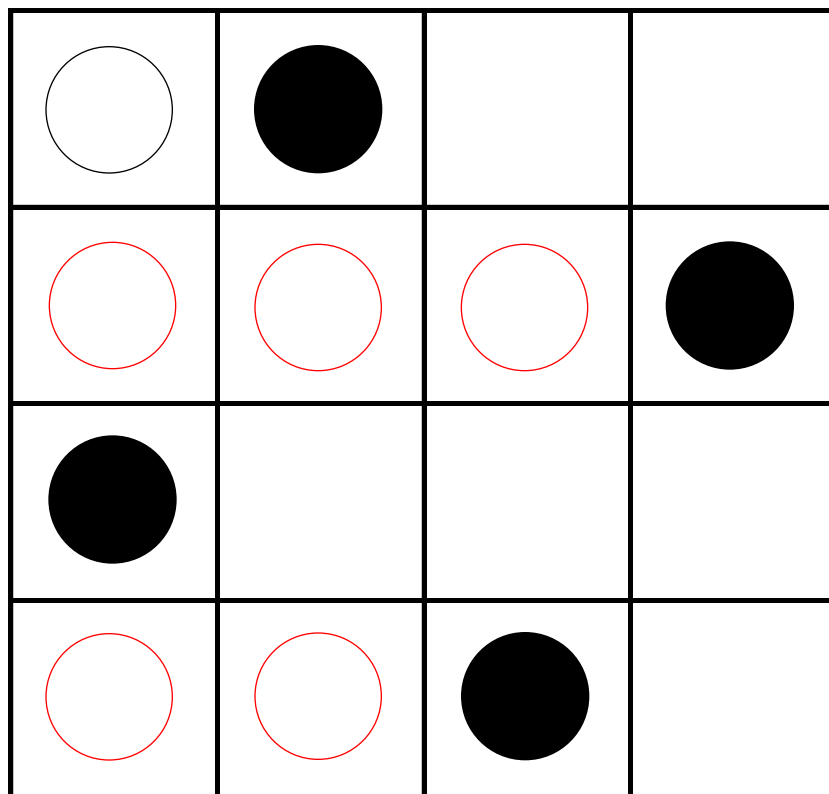
Retrocesso

Sucesso!



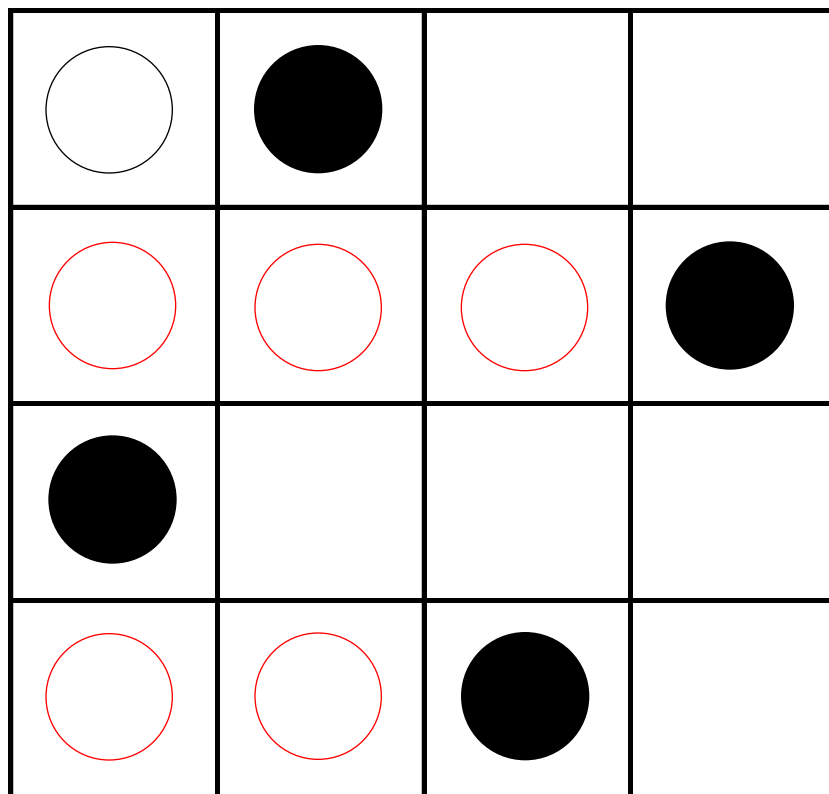
Retrocesso

Sucesso!



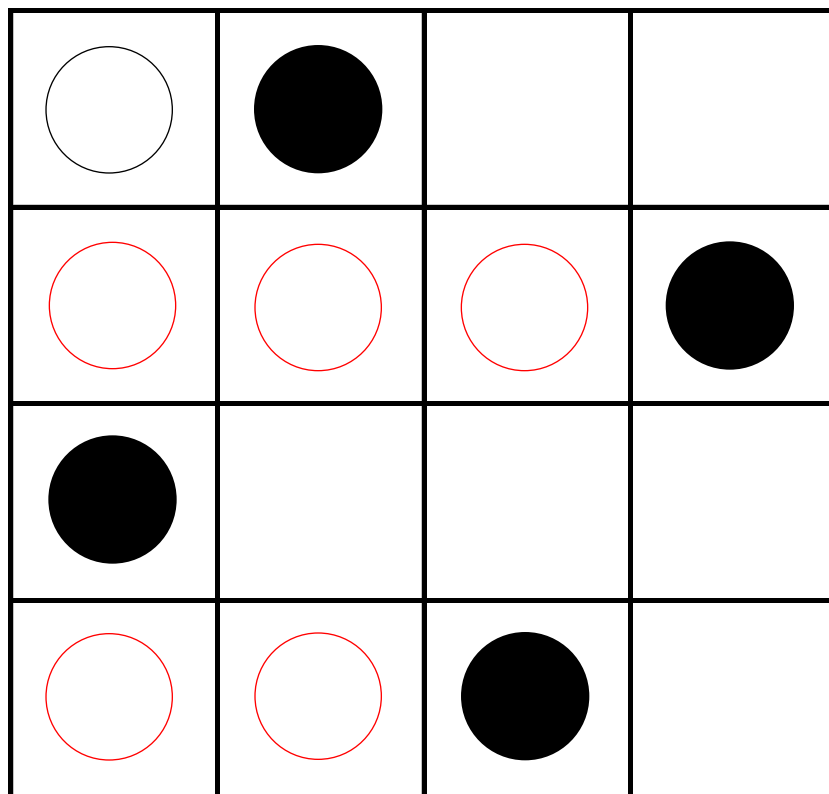
Retrocesso

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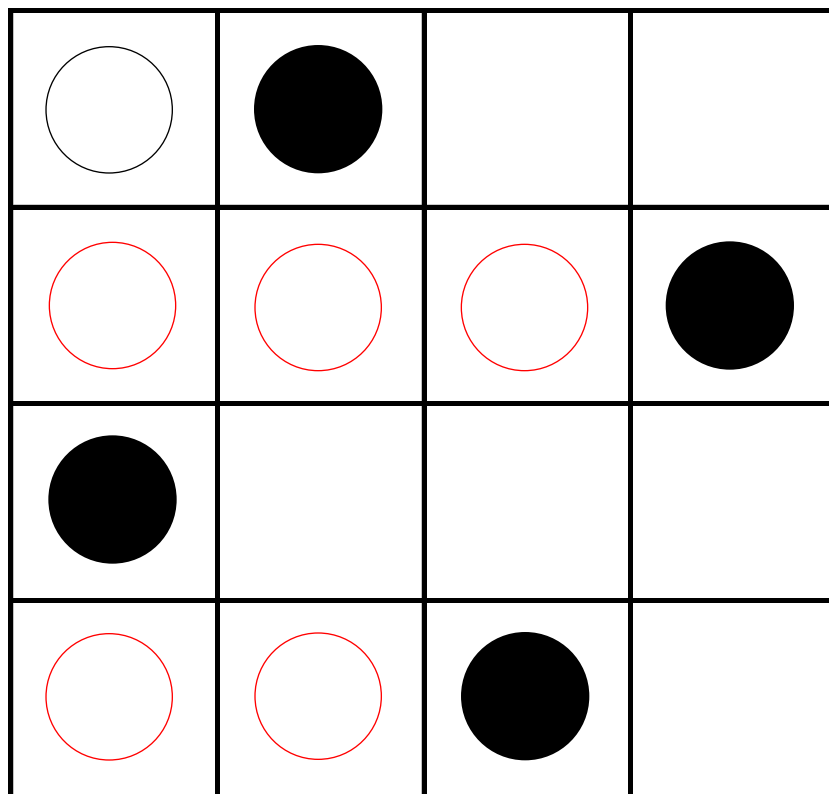
Retrocesso

Sucesso!



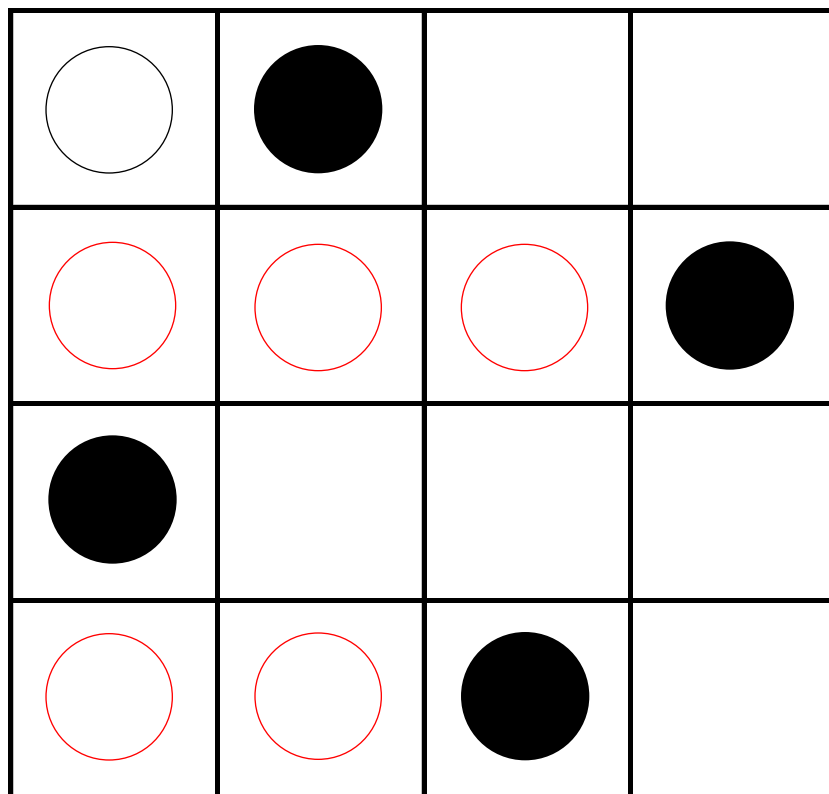
Retrocesso

Sucesso!



Retrocesso

Sucesso!



Retrocesso

Sucesso!

