

Gale-Shapley:

Worst-case: n^2 iterations - when all employers have identical preferences list

Best-case: n iterations - when all employers have distinct 1st place preferences

Big-O, Ω , Θ

$g(n) \in O(f(n))$ if $\Rightarrow g(n) \leq c \cdot f(n)$

$g(n) \in \Omega(f(n))$ if $\Rightarrow g(n) \geq d \cdot f(n)$,

$g(n) \in \Theta(f(n))$ if $\Rightarrow d \cdot f(n) \leq g(n) \leq c \cdot f(n)$

- $g(n) \in \Omega(f(n))$ iff $f(n) \in O(g(n))$

- $g(n) \in \Theta(f(n))$ iff $g(n) \in O(f(n))$ and $g(n) \in \Omega(f(n))$

iff $g(n) \in O(f(n))$ and $f(n) \in O(g(n))$

C

By **szahrar**
cheatography.com/szahrar/

Not published yet.
Last updated 8th October, 2024.
Page 1 of 1.

Sponsored by **CrosswordCheats.com**
Learn to solve cryptic crosswords!
<http://crosswordcheats.com>