

Zimmer

A roommate matching service

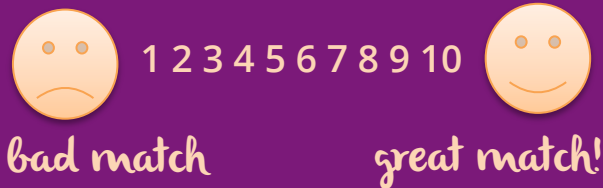
Step 1:

Calculate the Match Score

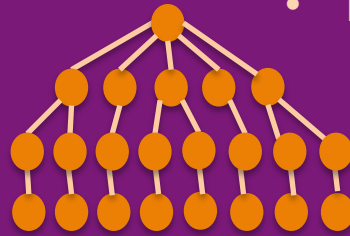
We calculate a “match factor” between two people based on several important criteria:

- ✓ Gender Identity
- ✓ Area of Study
- ✓ Religious Preference
- ✓ Substance Use
- ✓ Noise Levels
- ✓ Cleanliness
- ✓ Organizations/Affiliations
- ✓ Sleep Time

We even **weight** the score based on factors most important to each person!



Step 2: Find the Best Set



- Our algorithm is **complete** and **optimal**.
- It is based in **depth-first search**.

It recursively calculates every possible combination of roommates and identifies the set with the highest sum of combined match scores.

This guarantees the best possible set of roommates!

Step 3: Move In!

