

Bands Problem

+ -> public

- -> private

Musician (class)

- name: String
- age: int
- instrument: Instrument

- + Musician(name, age, instrument)

Band (class)

- name: String
- instruments: Instrument[]
- musicians: Musicians[]
indexForMusicians: int

- + Band(name, instruments)
 - o instruments array can have any size you want, therefore you can use instruments.length to initialize the musicians array in the constructor
- + addMusician(Musician musician): void
 - o add only if musician's instrument can be found in the band's instruments array
- + removeMusician(Musician musician): void
- + getMissingInstruments(): void
 - o print all the instruments for which there is nobody to play at
- + printBand(): void

Instrument (enum)

GUITAR,

DRUMS,

BASS