Guitar

strings : int
chords : int
song : double[][]

+ Guitar (strings:int, chords:int)
+ simulateSong() : void
+ getChordsAsArray(chord:int):double[]
+ getSongLength() : int
  generateSong() : void

Vocalist

center : double
melody : double[][]
guitar : Guitar

+ Vocalist(guitar:Guitar, center:double)
+ sing() : void
+ toString() : String
  generateMelody() : void

SongWriter

+ main(args:String[]) : void