

Sndinfo (10)	
Filename	-h
Filetype(2)	
Sample rate	
Bit depth	
numChannels	
numSamples	
soundlength	
stdin(fnf)	
Methods	
Read(file) : void	
Sndmix (15)	
Filename x,i	-h
newName(file)	-o file
numBefore[i]	
Methods	
Using a Helper	
Help() : void	
Output(file) : void	

Sndcat (15)			
Filename x,i stdin(fnf) newName(file) maxChannels or errors	-h -o file -w	Helper screen Outputs filename Outputs in .wav format instead of .cs229 (extra credit)	
Methods			
Read(file) : void Output(file): void			

Multiply (mult i, file i): void

Sndgen (20)	
Frequency	-h -- sine
Waveform	-o file --triangle
Volume	-- bits n -- sawtooth
Bitdepth	--sr n -- pulse
sampleRate	- fr -- pfp
duration	- tr
releaseTime	-vp
attackTime	-ar
DecayTime	-dr
PeakVolumePercent	-sp
sustainVolumePercent	--

DecayTime	-dr
PeakVolumePercent	-sp
sustainVolumePercent	-rr
Methods	
setBitDepth(n) : void	

Sndcvt (15)	
Format(2)	-h
Stdin(fnf)	-o file
If .wav then .cs229 else .wav	
Methods	
convert() : void	
fileHandling() : void	
Help() : output	
Output(file): void	

genSine(...): void
genTri(...): void
genTri(...): void

SndPlay (30)	
Must have .abc 229 format	-h --sr n -o file -- mut
New Name (file)	-w
Frequency of note	--bitsn
Methods	
Read(file) : void	
Produce() : void	
Convert() : void	
Help(): void	
Output(file): void	
setBitDepth() : void	
setSampleRate() : void	

Sndcat (15)			
Filename x,i stdin(fnf) newName(file) maxChannels or errors	-h -o file -w	Helper screen Outputs filename Outputs in .wav format instead of .cs229 (extra credit)	
Methods			
Read(file) : void Cat(existing, new) : existing Help(): void Convert (maxChannels): ? Output(file): void			

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setSampleRate(): void	
muteInstrument(): void	