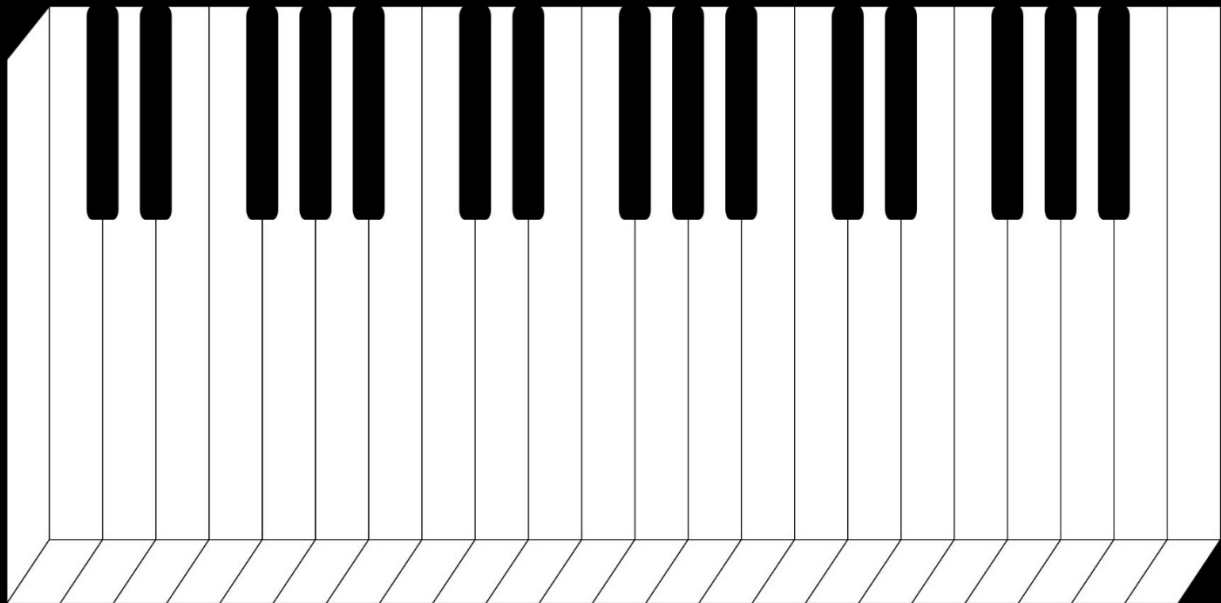


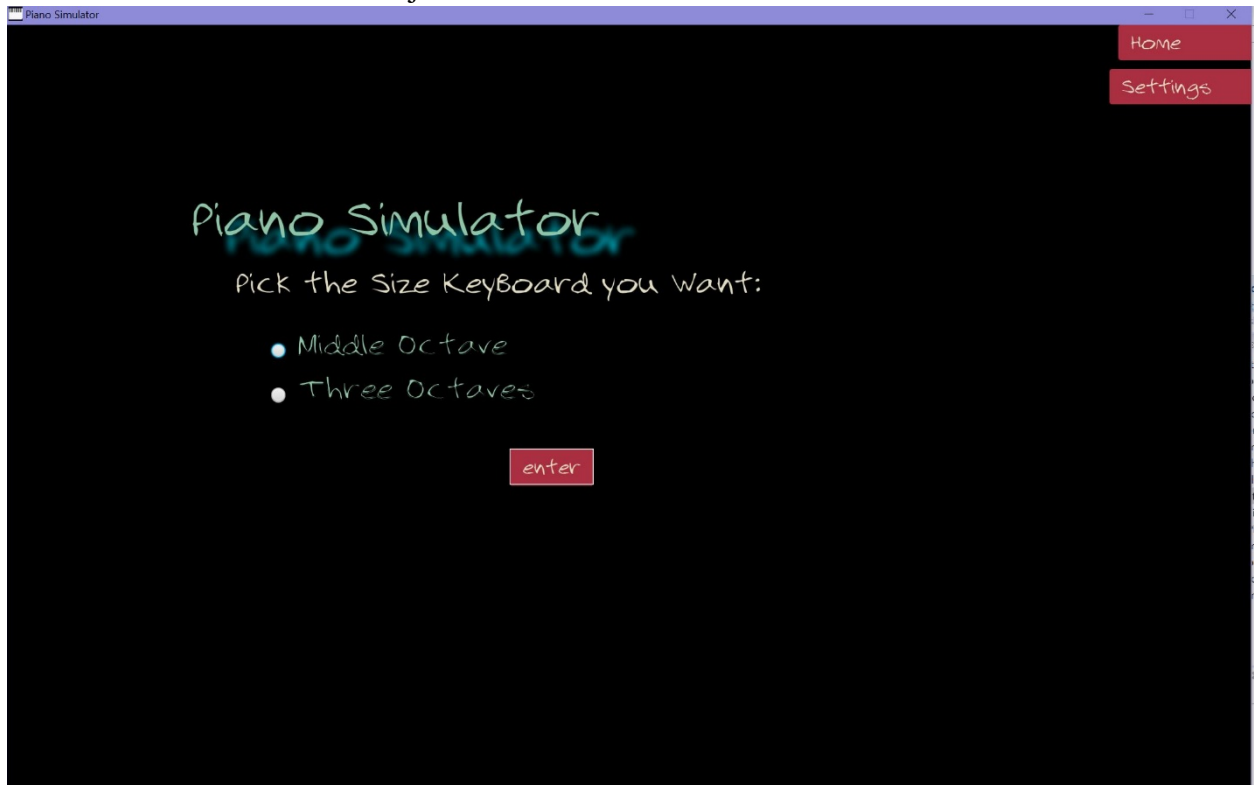
# Instruction Manual for: **Piano Simulator**

Written by Helene Casanova

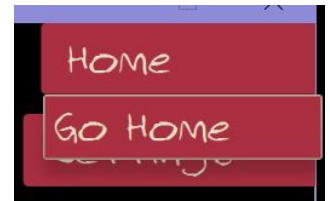


## How to Start the Piano Simulator

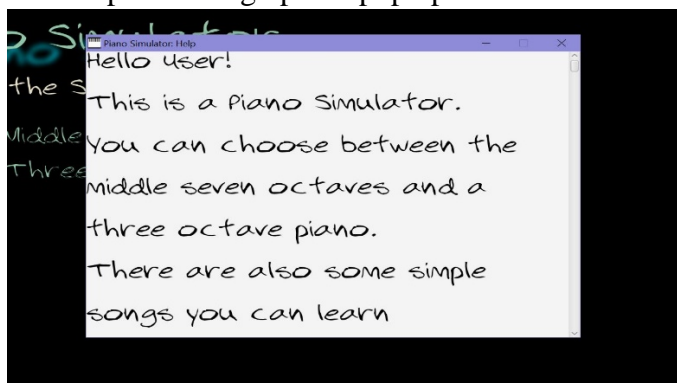
- Start the class “StartScreen.java”. When it runs it should look like this:



- You will be prompted to pick the “middle octave piano” or the “three octave piano”.
- You also have the options “Home” and “Settings”. If you press home you will be given a prompt “Go Home”, but it will not lead you are already home so you will not go anywhere. This is an example to the right.

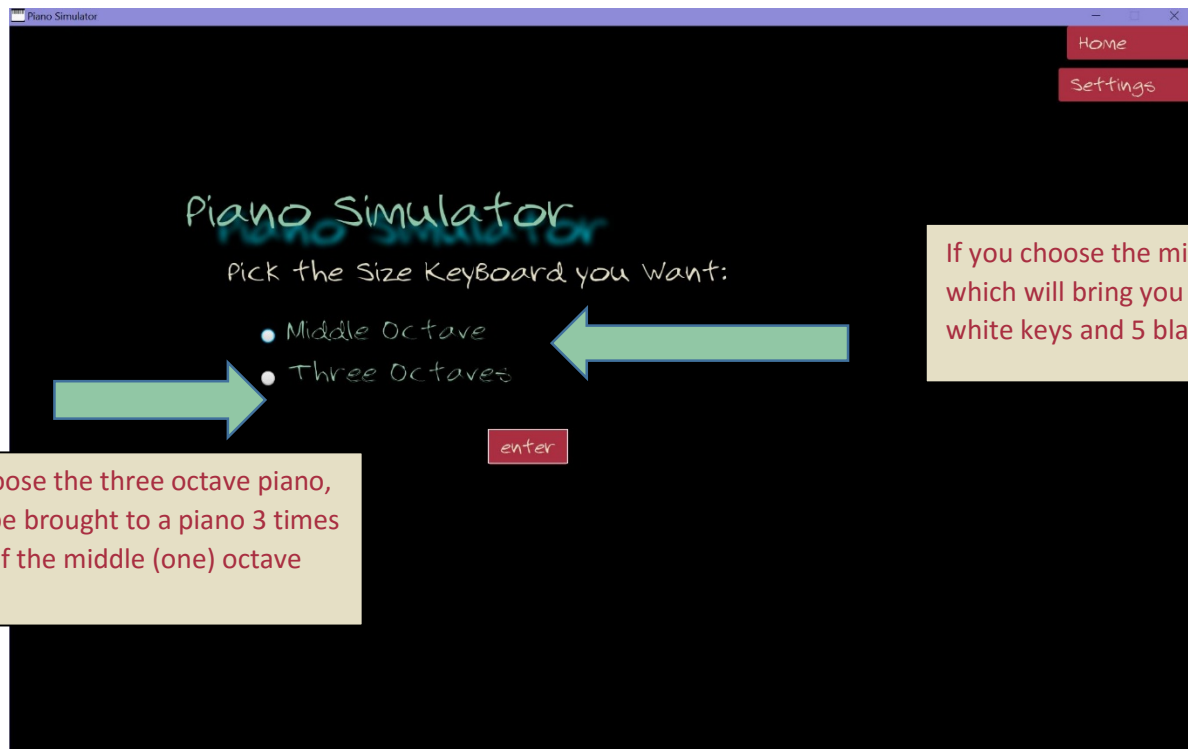


- If you press settings you will get the options “Help” and “Exit”. Exit will close the screen and Help will bring up this pop up:



# How to Start a Piano

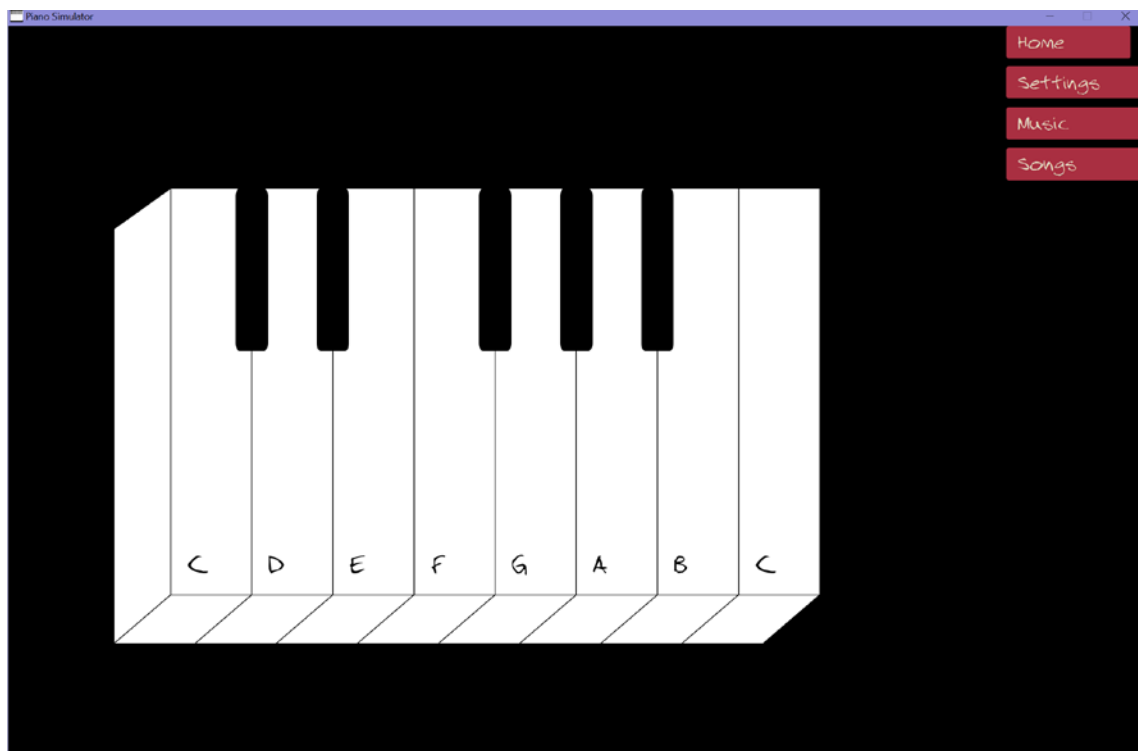
- You are prompted with two choices on the start menu.



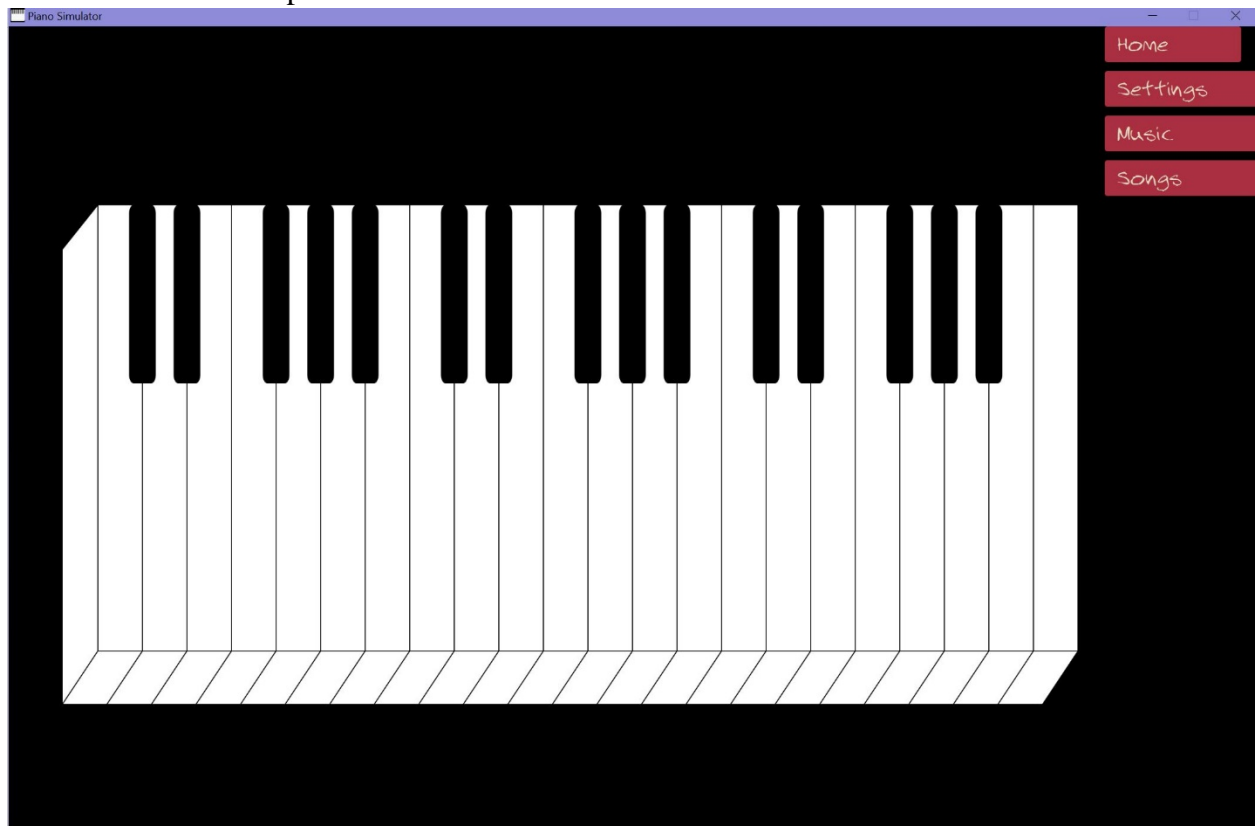
If you choose the three octave piano, you will be brought to a piano 3 times the size of the middle (one) octave piano.

If you choose the middle octave piano which will bring you to a piano with 8 white keys and 5 black keys.

- This is a middle octave piano:

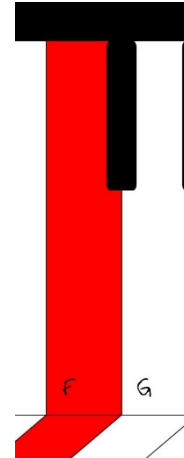
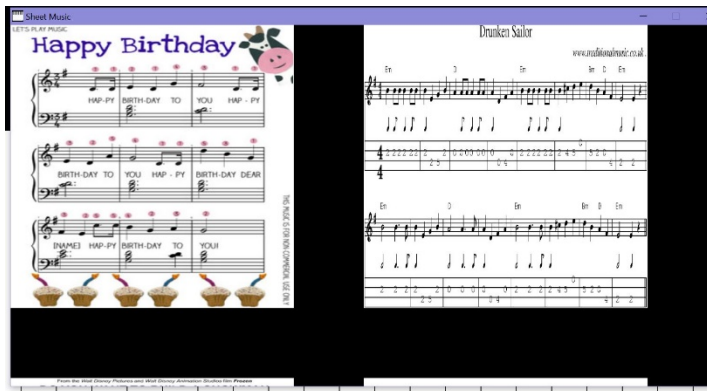


- This is a three octave piano:



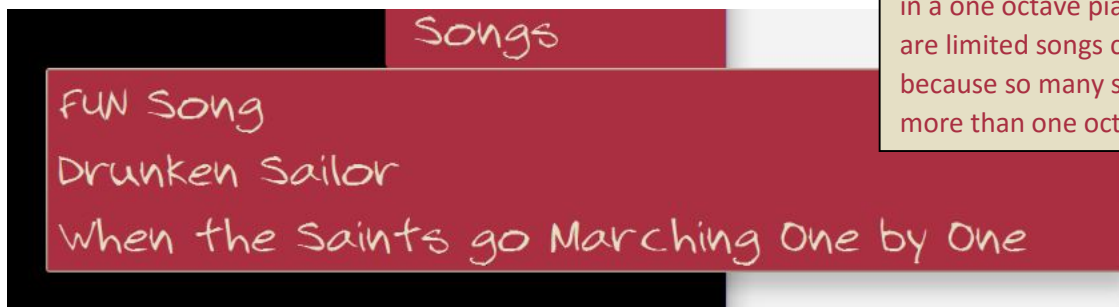
# How to Play the Piano

- If you hover over the keys, they will turn red and if you press on them they will play their respective sound.
- There are also more options on this screen. They include “Home”, “Settings”, “Music”, and “Songs”. If music is pressed, you get the option “Sheet Music” and that brings up a pop up box with sheet music of multiple different songs\*. The below image is an example.



\*You don't have to understand sheet music to play this piano. There are many different tutorials out there that can just teach you the notes. A good YouTube channel I suggest is <https://www.youtube.com/user/Charlotter369>. She teaches you to play the piano using only your right hand (your left is reserved for chords) and gives you the notes to some popular songs.

- If you press Songs tab you get options of songs the piano can play.



These are the choices you get in a one octave piano. There are limited songs choices because so many songs require more than one octave of notes.

Here in the three octave piano, you get more song choices and these songs are actually longer than the ones in the one octave piano.

## Songs

Twinkle

Cheerleader

Frere Jacques

When the Saints go Marching In

Drunken Sailor

FUN Song

Rudolph the Red Nose Reindeer

Drunken Sailor

Do you want to build a snowman