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ART370

Prof. Woo

Final presentation

For my final project I made an interactive video. With this video you can change the size of the balls, change how fast the snow falls, change the shape of the EQ and change how the song relates to EQ.

For the balls I had created five different float and I couldn’t uses any number so I random letters. The speed is at 10. The balls size, the valuable is d so what I did is keyPressed to control the to size. If you press t it will get bigger. The way I did this is I made a if statement. if ((key == 'T') || (key == 't')) { d = d + 10;}. So if I press r it will add 10 to the d valuable. if you press r it will get smaller.

For the snow fall i use the class valuable, the void display(), the void fall() and the void CreateChar. The class is use to create the stars and snowflakes. There are five valuable that control it. For the void display() and void fall() its use for to not complicate the void draw. If you look at the void draw you will see else{ fc.fall(); fc.display();}. Its pulling the information from the void display() and the void fall. The speed of the snowfall Is control pretty much as to the balls. To control the speed of the snowfall please press s to make it faster and k to make slower.

For the EQ I use the fftLin. So Basically the EQ is made of 15 ellipse and I made them to from a circle. Erverytime the music hit a note the bottom of circle moves to the right taking all 15 ellipse to straight line. You can control that by pressing u for more and press I for less. For the changing of the EQ shape is different. I use the switch function with case0 ellipse and case1 rect. Then I use the if( key==CODED ){ then if( keyCode == UP ){ theShape=(theShape+1) .The why it works Is because the first case is 0 by pressing the it will add 1 which is the rect. If you press the up arrow again it will add 1 more to the value but theres no more cases so it will loop back to case0.

For the text I use the geomerative. The only thing I change is I made the colors random. I put fill then a random and the value.

I hope you all enjoy. Thanks prof Woo for your dedication to tech us. happy holidays and a happy blessed new years to all.