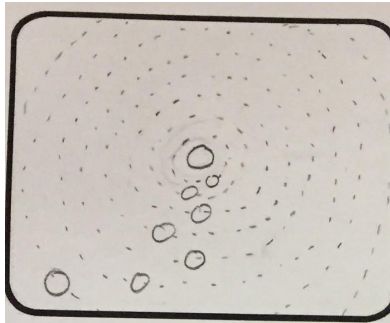


Final Project Ideas

Mariam Oke

Solar System (Option 4)

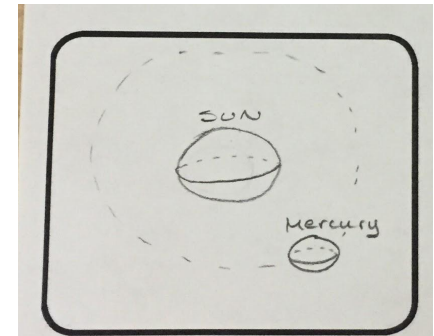
- Solar System simulation: Planets move in orbit, when you click on one it zooms in and shows information about the planet.
- 3D graphics using three.js library



Each planet follows
its own orbit
- dark background with
stars

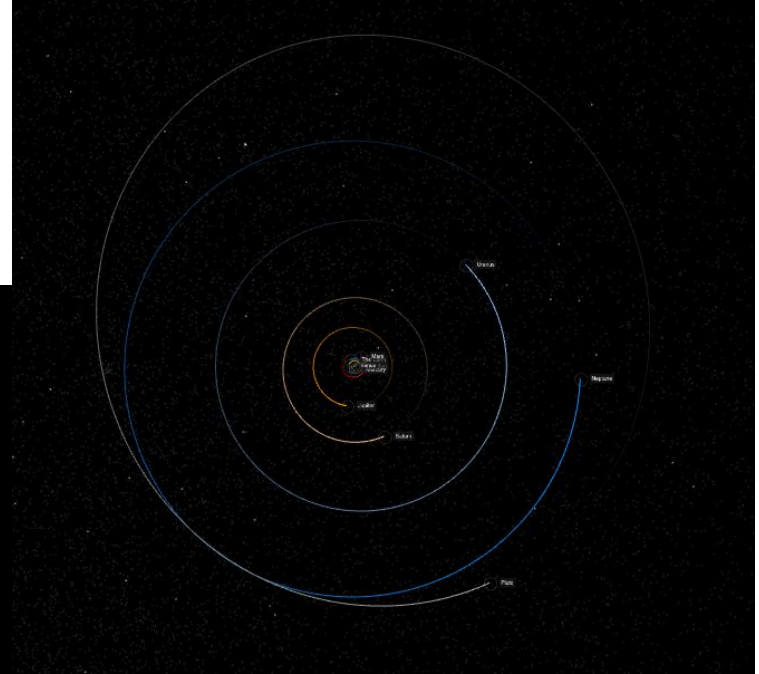
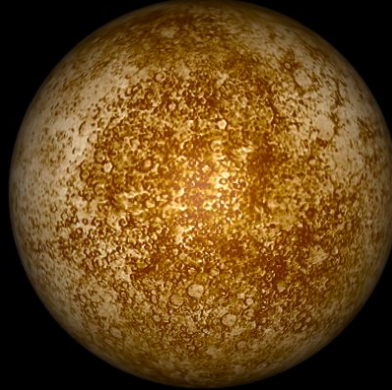
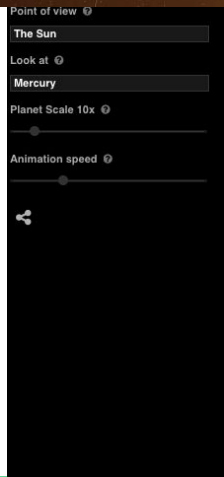
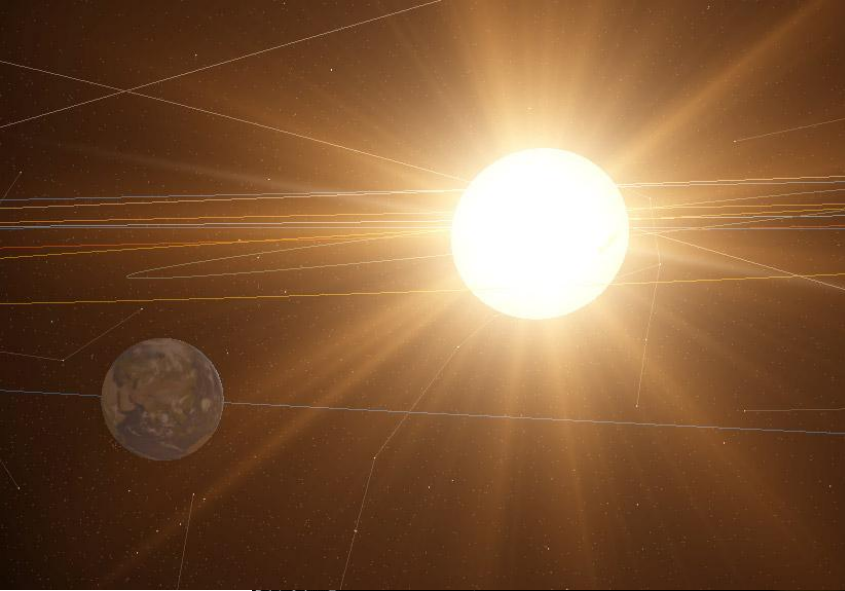


When a planet is
clicked on the
viewer can see it
close up + info pops up



The user can drag
across the screen to
get a 360° view
- similar to js Orrey

<http://mgvez.github.io/jsorrery/>



THE SOLAR SYSTEM

THE SUN
DIAMETER: 1391000 KM
DISTANCE: 0 KM
MOONS: 8 PLANETS
RINGS: NO
ROTATION: 25-36 DAYS

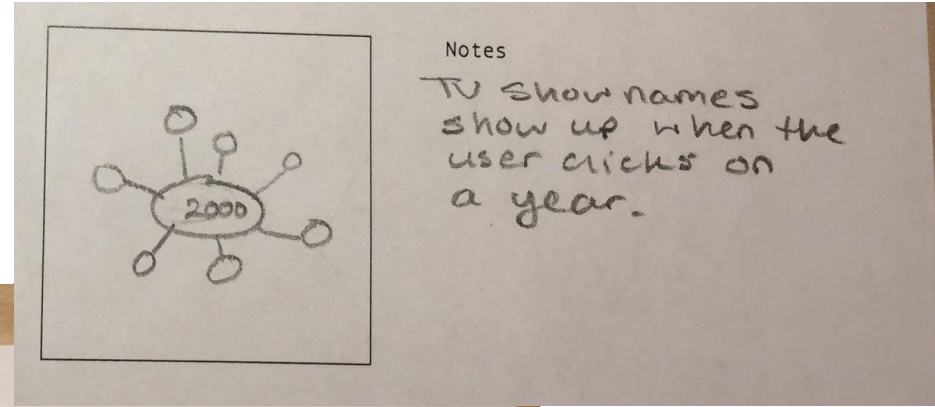
<https://www.openprocessing.org/sketch/138298>

THE SUN

DIAMETER: 1391000 KM
DISTANCE: 0 KM
MOONS: 8 PLANETS
RINGS: NO
ROTATION: 25-36 DAYS

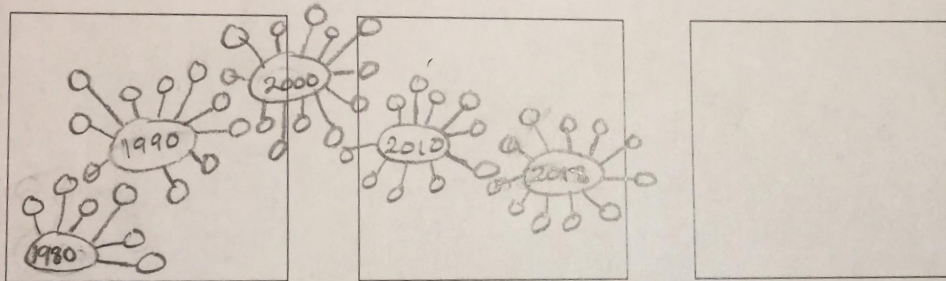
Data Visualization of TV shows (Option 4)

- Popular TV shows over the years.
- Color coded circles to differentiate between genres.



Name

Date

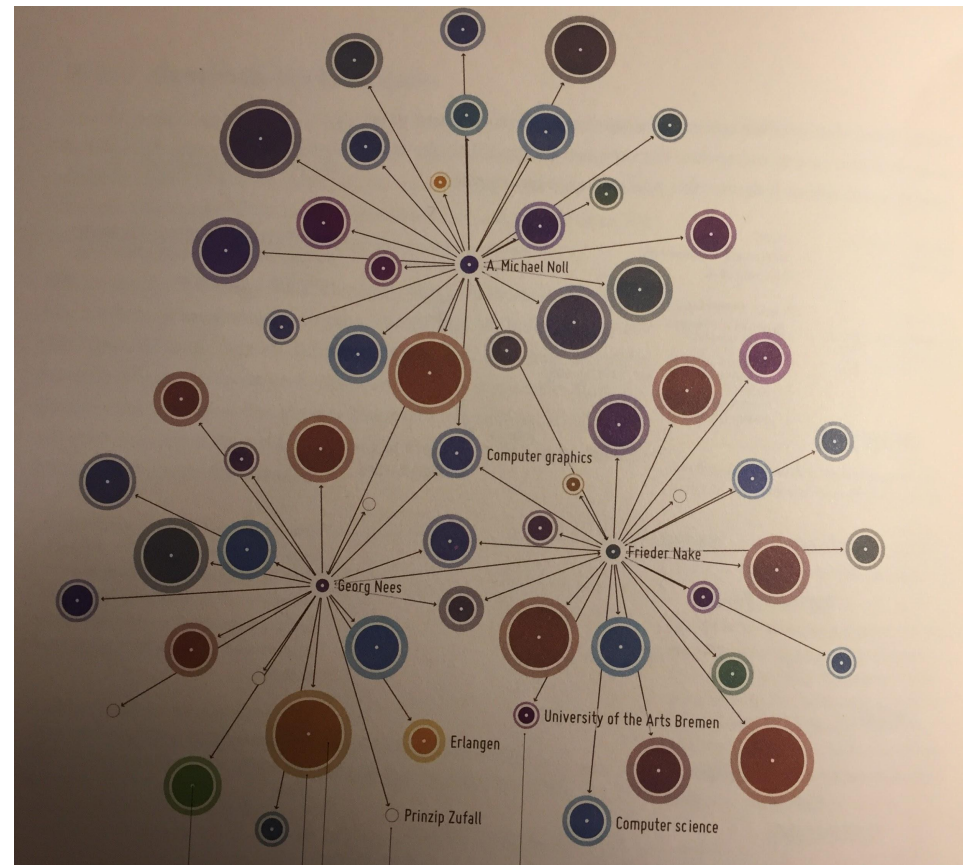
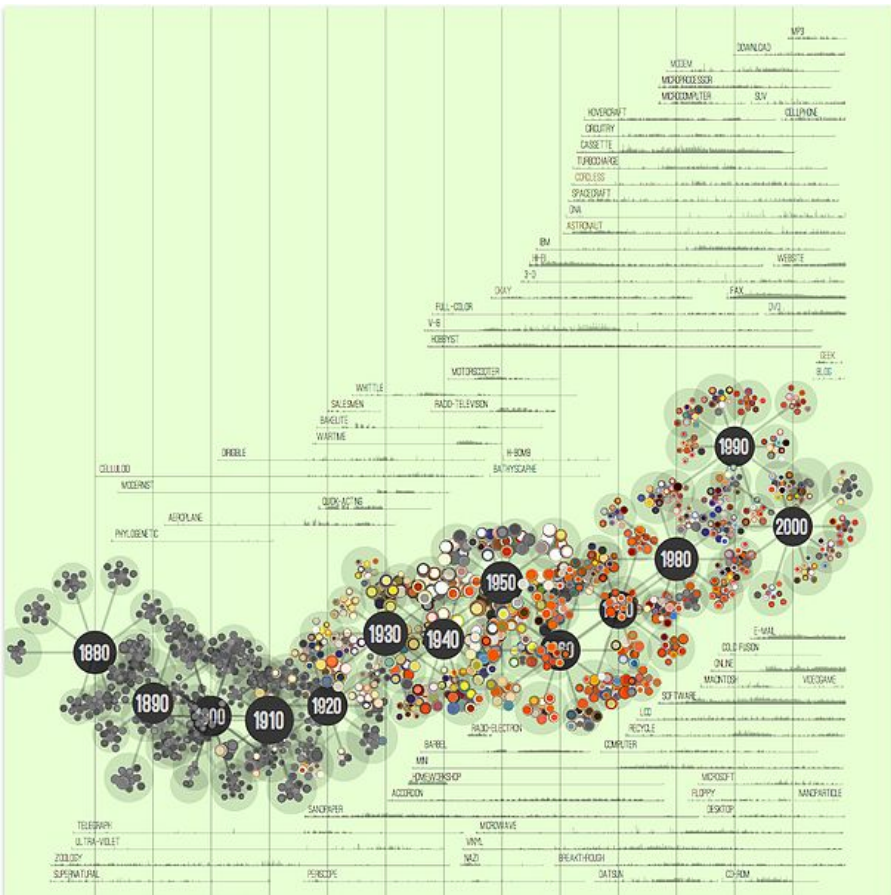


Notes

color code genres
of the different
types of TV
shows.

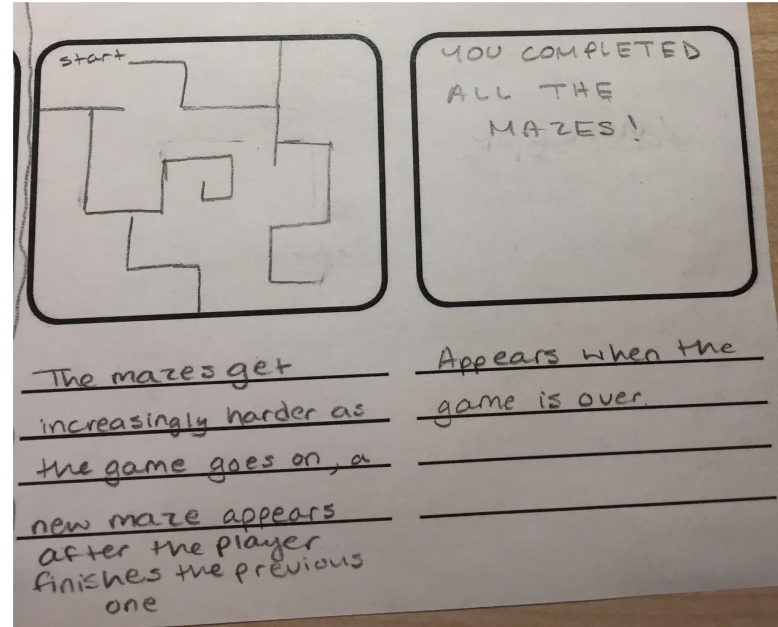
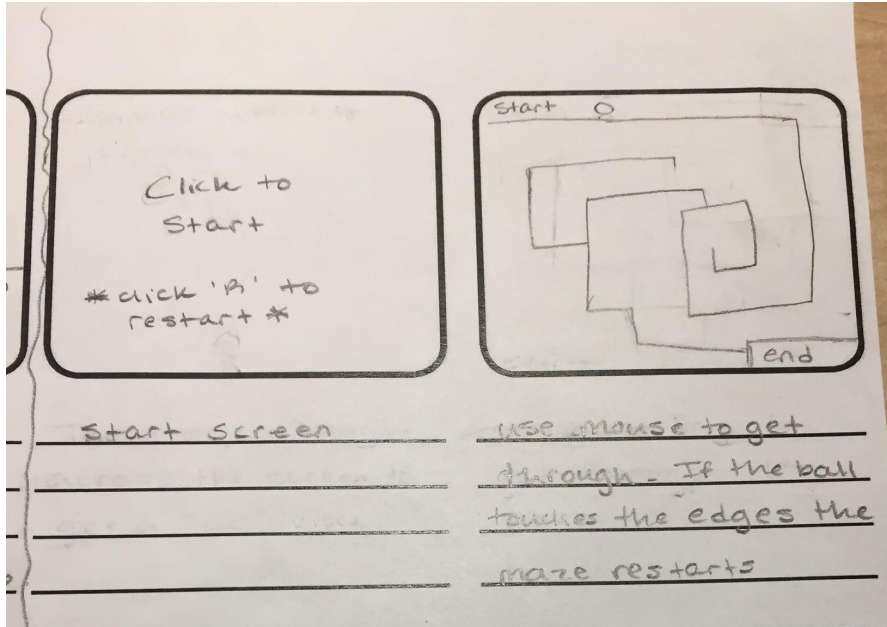
Ex: blue = comedy

- nodes move when
user moves mouse
over them

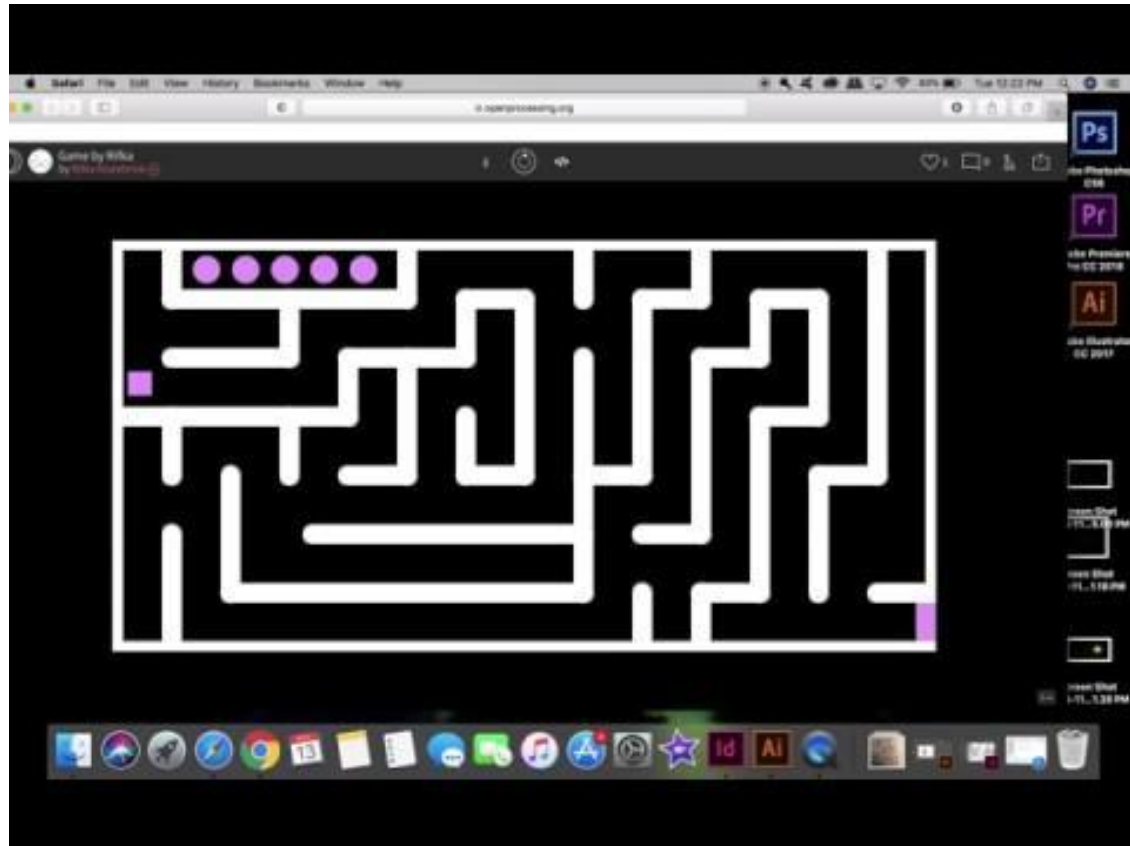


Maze (Option 2)

- Maze that gets progressively harder.
- Goal is to make it to the end of the final maze.



<https://www.openprocessing.org/sketch/603211>

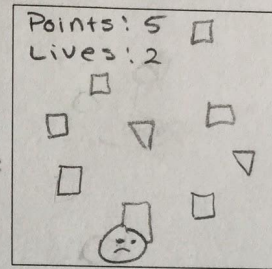
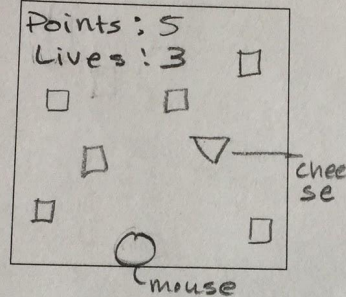


Mousetrap Game (Option 2)

- Mouse traps are falling from the sky.
- Use arrow keys to move the mouse.
- Earn points by collecting cheese that falls.

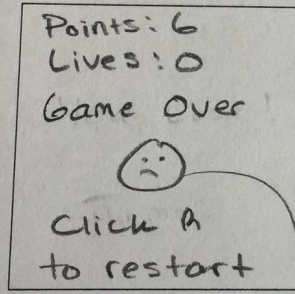
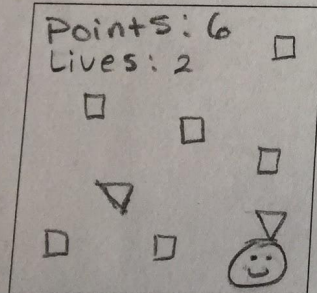
Click to
Start

Use arrow keys
to move the
mouse. collect
cheese to get
points, avoid the
mousetraps!



Notes

Use arrow keys to
play the game,
the points + lives
will show in the
top left. When the
mouse gets hit w/ a
mousetrap a life is
lost, when it
collects cheese the
player gets points.



Notes

When the player
loses all their lives
the game is over and
they can restart.

sad mouse

<https://www.openprocessing.org/sketch/622917>

4



3



YOU LOSE
score:3

