

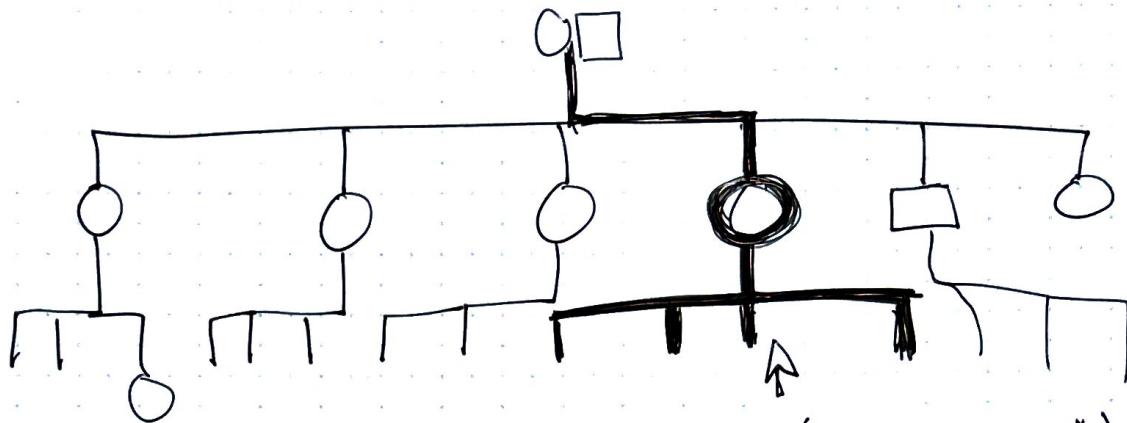
```

<body>
  <label for = "dropdown"> select a family name : </label>
  <select id = "dropdown" name = "dropdown"> </select>

```

select a family name

filter



↑  
svg element for  
each name  
↳ group using  
g.append

.on("mouseover")  
→ display name + info in tooltip  
→ transition to  
make current hover  
content bolder / more  
visually apparent

tooltip = container

```

let state = {
  data: null,
  hover: null,
  mousePosition: null,
};

```

DATA → JGB\_MHB.json

```

function init() {
  const root = d3.hierarchy(state.data);

```

```

  const tree = d3.tree

```

```

  tree(root)

```

```

  const leaf = svg
    .selectAll("g")
    ...

```

```

  leaf
    .append("circle")
    .append("square")
    }
    ↳ if female = 1
    ↳ if male = 1

```

update / transition  
so that whole tree  
is more readable at  
one time (not same  
line width everywhere)

+ d3.drag or d3.brush for  
overview of whole tree (in progress)