Microinteraction Tutorial

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Introduction:

I made an interactive festive greeting site for Christmas. In the site, below the wish I have given instructions on where to find the hint to make santa happy.

Steps To Make Christmas Greeting Site

Inside parent folder called A3:

1. Save necessary media assets in a folder called images inside
2. HTML file
3. CSS file

HTML:

1. I made a HTML file and linked a css file in the head.
2. I then made 3 <p> tags for greeting, hint finding instruction, hint & 1 <img> tag for santa.
3. I also created classes at the necessary places for styling and microinteraction.

CSS:

1. In the css file, I first imported a google font for my site
2. I then styled the body, p tags and the hint finding instruction using a class name.
3. I also styled and positioned how the hint and santa is going to look initially before the trigger.
4. **RULE 1:** Change background color from red to white to make the hint appear.
   I made the bg color red initially to hide the text which is also in red.
5. **FEEDBACK 1:** I made a hover trigger on the hint box, and specified the background color that it has to change to.
   Users can now see the hint appear when hovered over the red box.

6. **RULE 2:** Make Santa bounce.
   I created a bounce animation using @keyframes. I made a set of seven keyframes in which 5 of them transform to translate y =0px and the other two to -40px and -10px to create a bounce effect. To that I added a filter to make a drop shadow of santa.
7. **FEEDBACK 2:** Now I made a hover trigger on santa, specified animation name, duration and iteration count, in this case "infinite"(loop) which will make the santa keep jumping as long as we hover over it. Users can now see Santa jumping when hovering over it.

Summary:

Now if you follow the instructions and hover over the red box, the color changes to white and reveals the hint. The hint will then ask the user to hover over Santa. If hovered, the santa jumps up and down in a loop as long as the user keeps hovering over it.