 how does the browser actually render a website

1.Rendering is constructing the website from HTML,CSS,script.Script at the bottom is parse uninterrupted,faster to render.

2.Parsing a HTML document and css combined to render of frame tree depending on browser put together then will layout the tree and painting is the operation of drawing the graphics giving the website .

3.Layout is recursive process, it traverse render tree nodes position, size and layout its children ie… re layout the entire document with browser size accessing JS node offsetHeight.

4.paint is gives visual output from render tree. Creating layer from render object, position nodes ,transparency, overflow,canvas,rides etc.Produce bit map from each other and upload GPU are texture into find image to render the screen.

5.Inline critical css is important bit of our site/app to speedup first paint times external JS and CSS block and delta last bitmap.so it on the screen really fast .