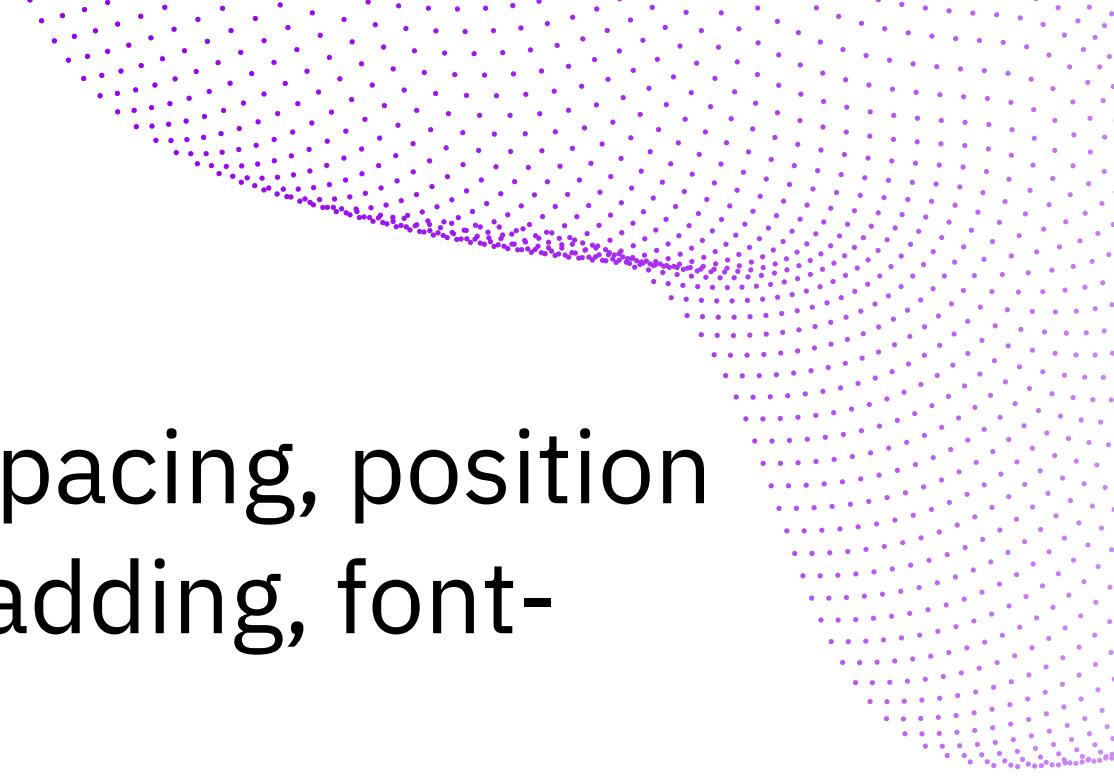


LESSON - 14

CSS Units



CSS units ke through hum kisi bhi element ke size, spacing, position ko define karte hain – jaise width, height, margin, padding, font-size, etc.



Yeh units do type ke hote hain:

- **Absolute Units** - (Fixed Size Units)
- **Relative Units** – (Screen/Parent ke hisaab se change hote hain)

Absolute Units - (Fixed Size Units) -

Yeh units fixed hote hain – har screen pe same dikhenge.

1. **px** - pixels sabse common unit ($1\text{px} = 1 \text{ dot on screen}$)
2. **pt** - points mostly print ke liye ($1\text{pt} = 1/72 \text{ inch}$). Agar aap 12pt likhte ho, toh wo text paper print pe $1/6$ inch ka hogा ($12/72$ inch).
3. **cm** - centimeter print ke liye useful. $1\text{cm} = 10\text{mm} = 0.3937$ inches.
Image size paper pr print accurately dikhai degi.
4. **in** - Yeh bhi ek standard measurement unit hai jo physical screen ya paper size ke liye hoti hai. $1\text{in} = 2.54\text{cm} = 25.4\text{mm} = 72\text{pt}$.
5. **mm** - Yeh unit bhi real-world physical measurement hai. Used mostly for print layouts jahan exact dimension chahiye hota hai. $1\text{cm} = 10\text{mm}$

Relative Units (Screen/Parent ke hisaab se change hote hain) -

ye screen size ya parent element ke size ke hisaab se change hote hain.

1. **em** - apne parent element ke font-size ke hisaab se. $1\text{em} = 100\%$ of parent ka font-size. Nested elements mein em size multiply ho jaata hai.
2. **rem** - Sirf html tag ke font-size ke hisaab se (root). $1\text{rem} = 100\%$ of `<html>` font-size
3. **%** - parent ke width ka percentage
4. **vw** - Viewport screen area visible hoti hai browser mein.
 $1\text{vw} = 1\%$ of screen width
5. **vmin** - Smaller of viewport width ya height screen
6. **vmax** - Bigger of viewport width ya height