# Front end LEC\_9

### Transform(3d)

- □ To Apply Transform in 3d:
- 1. Body{perspective:700px;}
- 2. .Parent{transform-style:preserve-3d;}
- Default For Transform-style Is Flat
- .Parent:hover{transform:rotatey(180deg)} Also Do Transition
- .Front{backface-visibility:hidden;}
- .Back{transform:rotate(180deg)}
- no skew , box-sizing(padding , border)



#### Search

- ❖ Transform-origin ?
- Prespective-origin?



#### Animation

- شروط ال Animation 🗖
- بحدد الحاجه اللي هعمل عليها الحركه .1
- 2. Animation-name
- 3. Animation-duration
- 4. @Keyframes 'Name' { From{} , To{} }
- بقدر احرك الشكل بتاعي بدلالة ال Direction(top,...)

#### **Animation Function**

- 1. Animation-iteration-count(default 1)
- 2. Animation-delay
- 3. Animation-direction(alternative, reverse, alternative-reverse)
- 4. Animation-fill-made(forward,backword,both)
- 5. Animation-play-state(paused,running)
- 6. Animation-timing-function(linear, ease, ease-in, ease-out, ease-in-out)

" اذا اهتديت الطريق, فاهدي من بعدك "

## The end

By Esraa Elsayed



Any Question?