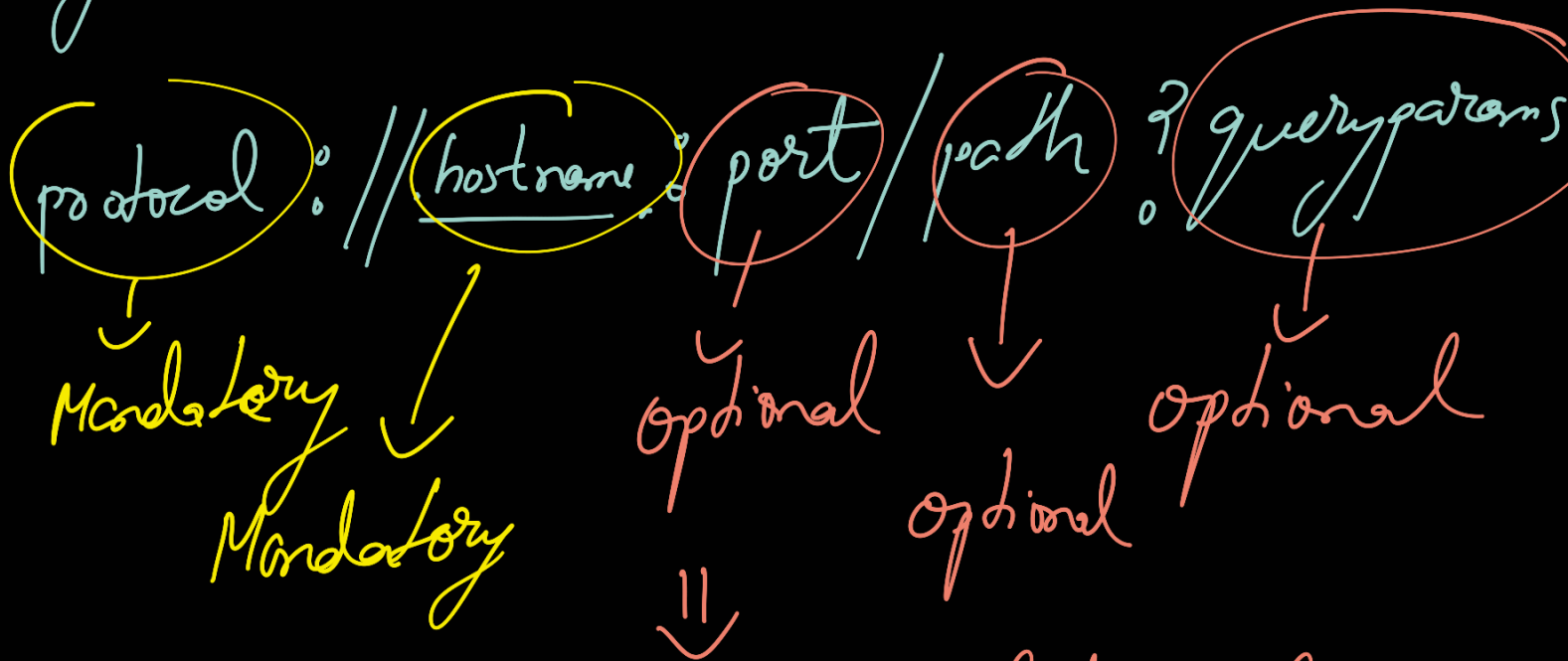


# Builder pattern

- ↳ For creating complex object
- ↳ For complex constructor combination
- ↳ String Builder class in Java
- ↳ URL Builder system

E.g. → URL Builder.



⇒ If we want to build url,  
multiple combination of constructor  
is possible.

E.g. - ① (protocol, hardware, port)  
② (protocol, hardware, path)

and  $3! = 6$  combinations



How to solve this design problem?