

## Number to Words Web Page

### Approach: Combining Direct Mapping and Recursion

I choose to use this approach by combining a Direct Mapping approach and Recursion approach instead of using the other approach (Direct Mapping, Recursion and Algorithm) is because this approach provides a balance of clarity, efficiency, flexibility, scalability, modularity, and accuracy.

Using the direct mapping and Recursion approach, I can split the number in chunks by using the recursion approach and then lookup the representation without needing a complex algorithm or logic. It is also very flexible and scalable as I can change or add more representation. It is much more easier to scale as it is very modular.

It is very efficient and it offers good performance for converting the numeric value to words. By using the lookup table and recursion method, I can simplify the handling of the number in chunks and avoid excessive iteration. This also allow quick conversion without needing to have complex calculation, algorithm or logic.