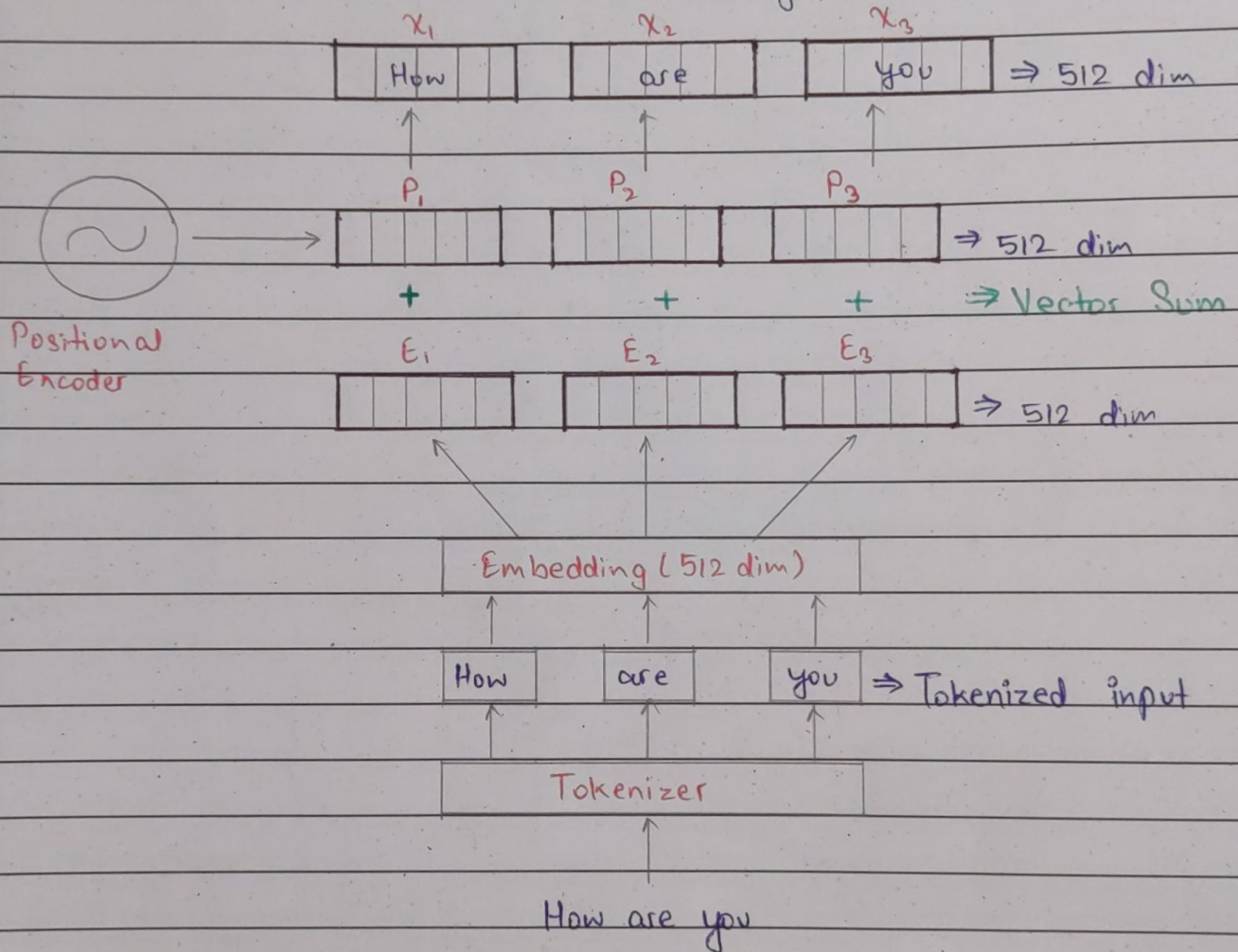




Consider the sentence "How are you".



- * The text is tokenized using the tokenizer to feed into the Embedding layer.
- * The Embedding layer converts the tokenized words into 512 dimensional ~~contextual~~ ^{vectors} embeddings $\Rightarrow E_1, E_2, E_3$.
- * A 512 dimensional positional encoding is calculated of each word & added to the ~~contextual~~ ^{vectors} embeddings $\Rightarrow P_1 + E_1, P_2 + E_2, P_3 + E_3$.
- * The resultant Position Encoded Contextual Embedding Vectors are fed into the Encoder block. $\Rightarrow \chi_1, \chi_2, \chi_3$.