

I am going to type some words. Does this work?

Listing 1: Sample Code Listing Python

```
30 def Ctransform(mode, text, key):
31     # Determine the shift direction based on the mode
32     shift = key if mode == 'encrypt' else -key
33
34     # Shift each letter by the key
35     transformed_text = ''.join(chr((ord(c) - ord('A') +
    shift) % 26 + ord('A')) for c in text)
```