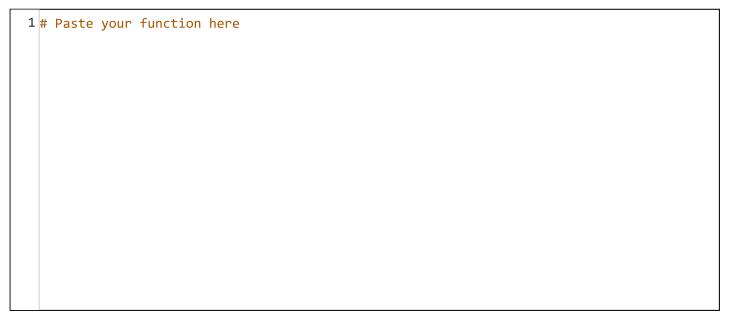# Problem 8

20.0 points possible (graded)

Write a function called `general_poly`, that meets the specifications below. For example, `general_poly([1, 2, 3, 4])(10)` should evaluate to `1234` because $1 * 10^3 + 2 * 10^2 + 3 * 10^1 + 4 * 10^0$.

```
def general_poly (L):
    """ L, a list of numbers (n0, n1, n2, ... nk)
    Returns a function, which when applied to a value x, returns the value
    n0 * x^k + n1 * x^(k-1) + ... nk * x^0 """
    #YOUR CODE HERE
```

```
1 # Paste your function here
```

Press ESC then TAB or click outside of the code editor to exit