modeling polynomial

```
class Polynomial:
    def __init__(self, *coeffs):
        self.coeffs = coeffs


    def __repr__(self):
        return 'Polynomial{}'.format(self.coeffs)


    def __add__(self, other):
        return Polynomial(*(x+y for x, y in
         ↪  zip(self.coeffs, other.coeffs)))


    def deg(self):
        return len(self.coeffs)-1


    def __mul__(self, other):
        pol = [0]*(self.deg()+other.deg()+1)

        for x in range(len(self.coeffs)):
            for y in range(len(other.coeffs)):
                pol[x+y] += self.coeffs[x] *
                 ↪  other.coeffs[y]

        return Polynomial(*(c for c in pol))
```