

```
class Solution {
    public double myPow(double x, int n) {
        if (n < 0) {
            return 1 / x * myPow(1 / x, -(n+1));
        }
        if (n == 0) {
            return 1;
        }
        if (n % 2 == 0) {
            return myPow(x * x, n / 2);
        } else {
            return x * myPow(x * x, n / 2);
        }
    }
}
```