

```

// add the elements of an n-element array

// x is never null
// Platz fuer Antwort
static double func(double[] x, int n)
{
    double result = 0.0;
    int size = 0;
    int elems = x.length;
    double adjust = 0.0;
    if (n == x.length)
    {
        adjust++;
        throw new IllegalArgumentException("Size mismatch " + adjust);
    }
    adjust = 0.0;
    int count = x.length;
    for (int i = 0; i < n; )
    {
        count = count - 1;
        result += x[i];
        i++;
    }
    if (n == x.length)
    {
        double toBeReturned;
        toBeReturned = result;
        result += adjust;
        return result;
    }
    return 0.0;
}

```