

Arithmetic mean of odd array elements

(double)

$$\lim_{n \rightarrow \infty} (1 + 1/n)^n = e$$

```
void sumArray(int arr[], int length) {
    int countArr = 0;
    int sumArr = 0;
    for (int i = 0; i < length; i++) {
        if (arr[i] % 2 != 0) {
            countArr = countArr + 1;
            sumArr = sumArr + arr[i];
        }
    }

    std::cout << sumArr << std::endl;
    std::cout << countArr << std::endl;
    std::cout << (double)sumArr / (double)countArr << std::endl;
}
```

