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Practical 1

- **INPUT 1**

```
#include <iostream>

using namespace std;

int zero(int arr[], int n)
{
    for (int i = 0; i < n; i++) {
        if (arr[i] == 0) {
            return i;
        }
    }
    return -1;
}

int main()
{
    int arr[] = { 1, 1, 1, 1, 0, 0};
    int n = sizeof(arr) / sizeof(arr[0]);
    int x = zero(arr, n);
    if (x == -1) {
        cout << "Count of zero is 0" << endl;
    }
    else {
        cout << "count of zero is " << n - x << endl;
    }
    return 0;
}
```

- **INPUT 2**

// A program to find the number of zeros

```
#include <iostream>
```

```
using namespace std;
```

```
int zero(int arr[], int n)
```

```
{
```

```
    for (int i = 0; i < n; i++) {
```

```
        if (arr[i] == 0) {
```

```
            return i;
```

```
        }
```

```
    }
```

```
    return -1;
```

```
}
```

```
int main()
```

```
{
```

```
    int arr[] = { 1, 0, 0, 0, 0};
```

```
    int n = sizeof(arr) / sizeof(arr[0]);
```

```
    int x = zero(arr, n);
```

```
    if (x == -1) {
```

```
        cout << "Count of zero is 0" << endl;
```

```
    }
```

```
    else {
```

```
        cout << "count of zero is " << n - x << endl;
```

```
    }
```

```
    return 0;
```

```
}
```