

Check if all elements of the array are equal to each other

as a result `printf ("YES");` or `printf ("NO");`

example

3, 3, 3, 3, 3, 3
yes

5, 5, 5, 5, 5, 5
yes

3, 4, 3, 3, 3, 3
no

```
void searchArray(int arr[], int length) {
    int checkNum = 0;
    for (int i = 0; i < length - 1; i++) {
        if (arr[i] != arr[i + 1]) {
            checkNum = 1;
            break; // need to already exit, no need to continue loop
        }
    }
    if (checkNum == 0) {
        std::cout << "yes" << std::endl;
    }
    if (checkNum == 1) {
        std::cout << "no" << std::endl;
    }
}
```

```
void searchArray(int arr[], int length) {
    int checkNum = 0;
    for (int i = 1; i < length; i++) {
        if (arr[i] != arr[i - 1]) { // if you change to i - 1 change loop condition as well
            checkNum = 1;
            break;
        }
    }
    if (checkNum == 0) {
        std::cout << "yes" << std::endl;
    }
    if (checkNum == 1) {
        std::cout << "no" << std::endl;
    }
}
```

