

Check if there is a given number "y" exist in the array

(the function has 3 parameters - an array, the size, and the number that we are looking for in the array)

```
void search (int x [], int n, int y)
```

```
search (mass2,10,17) ;
```

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

5,3,4,2,7 - no

5,3,4,17,7 - yes

```
void searchArray(int arr[], int length, int y) {  
    int stopFlag = 0;  
    for (int i = 0; i < length; i++) {  
        if (arr[i] == y) {  
            stopFlag = 1;  
            break;  
        }  
    }  
    if (stopFlag == 1) {  
        std::cout << "yes" << std::endl;  
    }  
    if (stopFlag == 0) {  
        std::cout << "noope" << std::endl;  
    }  
}
```

```
void searchArray(int arr[], int length, int y)  
{  
    int stopFlag = 0;  
    for (int i = 0; i < length; i++) {  
        if (arr[i] == y) {  
            stopFlag = 1;  
            i = length;  
        }  
    }  
    if (stopFlag == 1) {  
        std::cout << "yes" << std::endl;  
    }  
    if (stopFlag == 0) {  
        std::cout << "noope" << std::endl;  
    }  
}
```

```
void searchArray(int arr[], int length, int y) {  
    int stopFlag = 0;  
    for (int i = 0; i < length && stopFlag == 0; i++) {  
        if (arr[i] == y) {  
            stopFlag = 1;  
        }  
    }  
    if (stopFlag == 1) {  
        std::cout << "yes" << std::endl;  
    }  
    if (stopFlag == 0) {  
        std::cout << "noope" << std::endl;  
    }  
}
```

