

Find the maximum of all array elements -
two-digit positive numbers ending in 7

56 17 80 3 -4 100 37 8

answer 37

```
void searchArray(int arr[], int length) {
    int maximum;
    int flag = 0;
    for (int i = 0; i < length; i++) {
        if (flag == 0 && arr[i] % 10 == 7 && arr[i] > 10 && arr[i] < 100) {
            maximum = arr[i];
            flag = 1;
        }
        if (flag == 1 && arr[i] % 10 == 7 && arr[i] > maximum && arr[i] < 100) {
            maximum = arr[i];
        }
    }
    if (flag == 1) {
        std::cout << maximum << std::endl;
    }
    else if (flag == 0) {
        std::cout << "There is no maximum" << std::endl;
    }
    std::cout << std::endl;
}
```

