

CSE 1112

# 1D ARRAY

# TOPICS

- ❑ Jump statements (break, cont. etc.)
- ❑ 1d array
  - ❑ Declaration
  - ❑ Iteration
  - ❑ Parameter passing

# JUMP STATEMENTS

Return

Go to

Break

Continue

Exit

# 1D ARRAYS

## Declarations

```
int x[10];
```

```
int x[ ] = {10, 70, 20, 60, 80};
```

## Size

total bytes = sizeof(base type) × length of array

# 1D ARRAY

Passing Single-Dimension Arrays to Functions

Page 98 (my pdf page 134)

# 1D ARRAYS

Traverse

Loop

pointer

String

Page 100 (my pdf 136)

# PROBLEMS

Write a program in C to copy the elements of one array into another array.

# PROBLEMS

Write a program in C to find the maximum and minimum element in an array.

Try it yourself.



# NESTED LOOP

# PROBLEMS

Write a program in C to count a total number of duplicate elements in an array.