

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.