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// Program to take 5 values from the user and store them in an array
// Print the elements stored in the array
#include <stdio.h>

int main() {
    int values[5];

    printf("Enter 5 integers: ");

    // taking input and storing it in an array
    for(int i = 0; i < 5; ++i) {
        scanf("%d", &values[i]);
    }

    printf("Displaying integers: ");

    // printing elements of an array
    for(int i = 0; i < 5; ++i) {
        printf("%d\n", values[i]);
    }
    return 0;
}
```