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#include <stdio.h>
void main() {
    int n, a[10], large, small, max, min, i, temp;
    clrscr();
    printf("\n Enter the total no. of array elements ");
    scanf("%d", &n);
    printf("\n Enter %d numbers", n);
    for (i=1; i<n; i++)
        scanf("%d", &a[i]);
    printf("\n The array elements before exchange is\n");
    for (i=1; i<n; i++)
        printf("%d", a[i]);
    large = a[1];
    small = a[1];
    for (i=1; i<n; i++) {
        if (large < a[i]) {
            large = a[i];
            max = i;
        }
        if (small > a[i]) {
            small = a[i];
            min = i;
        }
    }
    printf("\n The largest and smallest are %d %d", large, small);
    temp = a[max];
    a[max] = a[min];
    a[min] = temp;
    printf("\n The array after interchange is\n");
}

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for (i=1; i<=n; i++)  
    printf ("%d", a[i]);  
    getch();  
}
```