Problem 3: Accept 5 values and sort the array in ascending/descending order.

Code:

```c
#include <stdio.h>
int main() {
    int arr[5], i, j, temp;
    printf("Enter 5 values: ");
    for(i = 0; i < 5; i++) scanf("%d", &arr[i]);
    for(i = 0; i < 5; i++) {
        for(j = i+1; j < 5; j++) {
            if(arr[i] > arr[j]) {
                temp = arr[i];
                arr[i] = arr[j];
                arr[j] = temp;
            }
        }
    }
    printf("Ascending: ");
    for(i = 0; i < 5; i++) printf("%d ", arr[i]);
    printf("\nDescending: ");
    for(i = 4; i >= 0; i--) printf("%d ", arr[i]);
```

```
    return 0;
}
```

Output:

Enter 5 values: 23 25 78 97 56
Ascending: 23 25 56 78 97
Descending: 97 78 56 25 23