findMinMax2D

Write a C function that takes a 5x5 two-dimensional array of integers ar as a parameter. The function returns the minimum and maximum numbers of the array to the caller through the two pointer parameters min and max respectively. The function prototype is given as follows:

```
void findMinMax2D(int ar[SIZE][SIZE], int *min, int *max);
```

A sample program template is given below to test the function:

```
#include <stdio.h>
#define SIZE 5
void findMinMax2D(int ar[SIZE][SIZE], int *min, int *max);
int main()
{
   int A[5][5];
   int i,j,min,max;

   printf("Enter the matrix data (%dx%d): \n", SIZE, SIZE);
   for (i=0; i<5; i++)
      for (j=0; j<5; j++)
         scanf("%d", &A[i][j]);
   findMinMax2D(A, &min, &max);
   printf("min = %d\nmax = %d", min, max);
   return 0;
}
void findMinMax2D(int ar[SIZE][SIZE], int *min, int *max)
{
   /* Write your code here */
}
```

Some sample input and output sessions are given below:

(1) Test Case 1:

Enter the matrix data (5x5):
1 2 3 4 5
2 3 4 5 6
4 5 6 7 8
5 4 23 1 2
1 2 3 4 5
min = 1
max = 23

(2) Test Case 2:

Enter the matrix data (5x5):
1 2 -3 4 5
2 3 4 5 6
4 5 6 7 8
5 4 23 1 27
1 2 3 4 5
min = -3
max = 27