**MIN AND MAX IN THE LIST**

#include <stdio.h>

int DAC\_Max(int a[], int index, int l);

int DAC\_Min(int a[], int index, int l);

int DAC\_Max(int a[], int index, int l)

{

int max;

if(l - 1 == 0)

{

return a[index];

}

if (index >= l - 2) {

if (a[index] > a[index + 1])

return a[index];

else

return a[index + 1];

}

max = DAC\_Max(a, index + 1, l);

if (a[index] > max)

return a[index];

else

return max;

}

int DAC\_Min(int a[], int index, int l)

{

int min;

if(l - 1 == 0)

{

return a[index];

}

if (index >= l - 2) {

if (a[index] < a[index + 1])

return a[index];

else

return a[index + 1];

}

min = DAC\_Min(a, index + 1, l);

if (a[index] < min)

return a[index];

else

return min;

}

int main()

{

int min, max, N;

int a[7] = { 70, 250, 50, 80, 140, 12, 14 };

max = DAC\_Max(a, 0, 7);

min = DAC\_Min(a, 0, 7);

printf("The minimum number in a given array is : %d\n", min);

printf("The maximum number in a given array is : %d", max);

return 0;

}

