**WONG KAI YUAN (DC02615-7) CISC1001 (Assignment7) (Wednesday 1130-1245)**

#include<stdio.h>

**int** maximum (**int** \*p, **int** size) {

**int** max, count;

max = \*p;

**if** (size == 1) {max = \*p;}

**else** {

size = size -1 ;

count = maximum (p+1,size);

**if** (count > max){

max = count;

}

}

**return** max;

}

**int** main (**void**) {

**int** Arr[20];

**int** size,i;

**int** \*pointer;

**int** max;

pointer = &Arr[0];

printf("Enter the size of array : ");

scanf("%d",&size);

printf ("Input Array: ");

**for** (i=0;i<size;i++){

scanf("%d",&Arr[i]);

}

max = maximum(pointer,size);

printf("The maximum of the array is %d\n",max);

}

Text

Description automatically generated