problem.c

```c
#include<stdio.h>

int main()
{
    int arr[20],n,i;

    printf("Enter number of index: ");
    scanf("%d",&n);

    for(i=0;i<n;i++)
    {

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

    int max=arr[0];
    int min=arr[0];

    for(i=1;i<n;i++)
    {
        if(max<arr[i])
        max=arr[i];

        if(min>arr[i])
        min=arr[i];
    }

    printf(" Maximum=%d and Minimum=%d\n",max,min);



    return 0;
}
```