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## 1 Finding the maximum

The main steps ... Algorithm ?? . Algorithm ?? is coded in the C computer ...

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**Algorithm 1.1** Maximum of  $n$  data points.

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1. Read the number of data points  $n$ .
  2. Read the data point  $a_i$ ;  $i = 1$  to  $n$ .
  3. Set  $max = a_1$ . ...
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Program ?? . ...

```
#include<stdio.h>
#include<math.h>
int main()
{
int n, a[101];
int i, max;
printf("Number of points = ");
...
return(0);
}
```

**Program 1.1:** Maximum of  $n$  data points.