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Chapter 1

Intro to Algorithms

1.1 Finding the maximum

The main steps ... Algorithm 1.1.1. Algorithm 1.1.1 is coded in the `C` computer

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Algorithm 1.1.1 Maximum of n data points.

   1. Read the number of data points n.

   2. Read the data point a_i; $i = 1$ to n.

   3. Set $max = a_1$. ...

... Program 1.1. ...

```
#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.