

```
#include <stdio.h>
int main()
{
int i,a[10],min,max;
printf("Enter 10 integers: |");

for(i=0;i<10;i++)
{
scanf("%d",&a[i]);
}
min=a[0];
max=a[0];
for(i=1;i<10;i++)
{
if(a[i]<min)
min=a[i];
if(a[i]>max)
max=a[i];
}
printf("The largest number is: %d\n",max);
printf("The smallest number is: %d\n",min);
}
```

```
[miruthi@Miruthis-MacBook-Air Desktop % gcc q1.c -o q1
[miruthi@Miruthis-MacBook-Air Desktop % ./q1
Enter 10 integers: 23 21 37 65 38 40 87 35 64 24
The largest number is: 87
The smallest number is: 21
```