

```

#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

```