

Problem22: Find the largest and smallest among 100 numbers.

Code:

```
#include <stdio.h>
```

```
int main() {  
    int n = 100;  
    int i, num, largest, smallest;  
  
    printf("Enter number 1: ");  
    scanf("%d", &num);  
  
    for(i = 2; i <= n; i++) {  
        printf("Enter number %d: ", i);  
        scanf("%d", &num);  
  
        if(num > largest)  
            largest = num;  
        if(num < smallest)  
            smallest = num;  
    }  
}
```

```
printf("Largest = %d\n", largest);  
printf("Smallest = %d\n", smallest);  
  
return 0;  
}
```

Output:

Enter 100 no. of your choice and gets largest
and smallest among them