


Input a string and concatenate with its reverse string and print it.

```
string2 >  assignment1.cpp > ...  
1  #include<iostream>  
2  #include<string>  
3  #include<algorithm>  
4  using namespace std;  
5  int main(){  
6      string str;  
7      cin>>str;  
8      string temp=str;  
9      reverse(temp.begin(),temp.end());  
10     str += temp;  
11     cout<<str;  
12 }
```

Find the second largest digit in the string consisting of digits from '0' to '9'.

```
string2 > G+ assignment2.cpp > ...
1  #include<iostream>
2  #include<string>
3  using namespace std;
4  int main(){
5      string str;
6      cin>>str;
7      char max1='!';
8      char max2='!';
9      for(int i=0;i<str.size();i++){
10         if(max1<str[i]) {
11             max2=max1;
12             max1=str[i];
13         }
14         else if(max2<str[i] && max1!=str[i]){
15             max2=str[i];
16         }
17     }
18     cout<<max2;
19 }
```