

```
1  #include<iostream>
2  #include<stack>
3
4  using namespace std;
5  int main()
6  {
7      stack <string> cards;
8
9      cards.push("kings of hearts");
10     cards.push("kings of club");
11     cards.push("kings of spade");
12     cards.push("kings of diamond");
13     cout<<"there are"<<cards.size()<<"cards in the deck";
14     cards.push("ace of Spade");
15     cards.push("ace of hearts");
16     string topcard=cards.top();
17     cout<<"\ntop card is\t"<<topcard;
18     cards.pop();
19     cout<<"\ntop card is\t"<<cards.top();
20
21 }
```