

CODE:

```
#include <iostream>
```

```
#include <stack>
```

```
#include <queue>
```

```
Using namespace std;
```

```
Int main() {
```

```
    Stack<int> s;
```

```
    Queue<int> q;
```

```
    s.push(1);
```

```
    s.push(2);
```

```
    cout << "Stack top: " << s.top() << endl;
```

```
    s.pop();
```

```
    cout << "Stack top after pop: " << s.top() << endl;
```

```
    q.push(10);
```

```
    q.push(20);
```

```
    cout << "Queue front: " << q.front() << endl;
```

```
    q.pop();
```

```
    cout << "Queue front after pop: " << q.front() << endl;
```

```
    return 0;
```

```
}
```

OUTPUT:

Stack top: 2

Stack top after pop: 1

Queue front: 10

Queue front after pop: 20

[Program finished]