

## ▼ Stack

```
1 class Stack:
2     def __init__(self):
3         self.stack = [None] * 20
4         self.top = 0
5         self.size = 0
6     def push(self, obj):
7         if self.size == len(self.stack):
8             print("Stack Overflow!!!")
9         else:
10            self.stack[self.top] = obj
11            self.top += 1
12            self.size += 1
13    def pop(self):
14        if self.size == 0:
15            print("Stack Underflow!!!")
16        else:
17            temp = self.stack[self.top - 1]
18            self.stack[self.top - 1] = None
19            self.top -= 1
20            self.size -= 1
21            return temp
22    def peek(self):
23        if self.size == 0:
24            print("Stack Underflow!!!")
25        else:
26            return self.stack[self.top - 1]
```