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CS 230A
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```
Multipop (k)
 for i = 1 to k do
   {if (top == 0) then return;
   print S[top];
   top--;}
 return
end Multipop;
```

What is the worst case time complexity for Push(x), Pop(x), and Multipop(k)?

Executing any sequence of n operations of the form Push(x), Pop(x), and Multipop(k) takes time equal to n times the worst time complexity of executing any of the above three operations.

Is the bound best possible (i.e., is it tight)?

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