Operação	Saída	Conteúdo da Pilha
push(1)	-	(1)
push(2)	-	(1, 2)
pop()	2	(1)
top()	1	(1)
push(3)	-	(1, 3)
push(4)	-	(1, 3, 4)
pop()	4	(1, 3)
pop()	3	(1)
top()	1	(1)
pop()	1	()
pop()	"erro"	()
push(5)	-	(5)
top()	5	(5)
push(6)	-	(5, 6)
pop()	6	(5)
top()	5	(5)
pop()	5	()
pop()	"erro"	()
push(7)	-	(7)
top()	7	(7)
pop()	7	()
pop()	"erro"	()
push(8)	-	(8)
top()	8	(8)
push(9)	-	(8, 9)
top()	9	(8, 9)
push(10)	-	(8, 9, 10)
top()	10	(8, 9, 10)
push(11)	-	(8, 9, 10, 11)
top()	11	(8, 9, 10, 11)
push(12)	-	(8, 9, 10, 11, 12)
top()	12	(8, 9, 10, 11, 12)
push(13)	-	(8, 9, 10, 11, 12, 13)
top()	13	(8, 9, 10, 11, 12, 13)
push(14)	-	(8, 9, 10, 11, 12, 13, 14)
top()	14	(8, 9, 10, 11, 12, 13, 14)
push(15)	-	(8, 9, 10, 11, 12, 13, 14, 15)
push(16)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16)
push(17)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17)
push(18)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18)
push(19)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19)
push(20)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20)
push(21)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21)

push(22)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22)
push(23)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23)
push(24)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24)
push(25)	-	(8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25)

Resposta: 18