

















Pseudo-code	
Algorithm <i>size</i> ():	Algorithm pop ():
return (<i>t</i> + 1);	if (<i>isEmpty</i> ())
	throw StackEmptyException;
Algorithm <i>isEmpty</i> ():	temp = S[t];
return (<i>t</i> < 0);	t = t - 1;
	return <i>temp</i> ;
Algorithm <i>top</i> ():	
if (<i>isEmpty</i> ())	Optimization: set S[t] to null
throw StackEmptyException;	before decrementing t.
return <i>S</i> [<i>t</i>];	Homework: implement pop()
	without any temp variable



















