Experiment 5

Aim

- Write a program to evaluate postfix expression

Lab outcome

-> select appropriate data structure and apply it for solve a problem

Practice Problem

av. Evaluate

· 546+*493/+*

	Reading	stack	Evaluation
	5	5	
	4	5 4	
	6	5 4 6	
1	+	5 10	4+6=10
	*	50	5*10=50
	4	50 4	
	9	50 4 9	
-	3	50 4 9 3	
-	1	50 4 3	9/3=3
	+	50 7	4+3=7
	*	350	50*7=350
Contract of the last			

az. Evaluate.

4	10	5	+	*	15	3	1 -
	U CO					_	

	Reading	Stack	Evaluation	1
	4	4		1
	10	4 10	3 mi	1
N	5	4 10 5	STRINGNY908	
	+	4 15	10+5=15	
	*	60	15*4=60	
	15	60 15		
	3	60 15 3	Problem	
	1	₹60 5	15/3 = 5	14 -
	_	55	60-5 = 55	73
		manufic with the second		