

Sl. No	Problem Statement																																												
	<p>Assignment 10 ( 27 March 2024)</p> <p>Write Lex and Yacc program for the following : ( Question 1 - 5 marks, Question 2 - 5 marks )</p> <p>1) which accepts strings that start and end with p or q.</p> <table><tr><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td></tr><tr><td>qppqppq</td><td>ppqqppq</td><td>agcp</td><td>p12pytrq</td><td>q\$rtgpp</td></tr><tr><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td></tr><tr><td>Sequence Accepted</td><td>Sequence Accepted</td><td>?</td><td>?</td><td>?</td></tr></table> <p>2) to recognize strings of { p<sup>n</sup> q   n ≥ 3 }</p> <table><tr><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td><td><u>Sample Input</u></td></tr><tr><td>ppppppppq</td><td>ppppppppq</td><td>ppqq</td><td>1ppp&amp;thq</td><td>rtuj5pppq</td></tr><tr><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td><td><u>Sample output</u></td></tr><tr><td>valid string</td><td>invalid string</td><td>invalid string</td><td>?</td><td>?</td></tr></table>					<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	qppqppq	ppqqppq	agcp	p12pytrq	q\$rtgpp	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	Sequence Accepted	Sequence Accepted	?	?	?	<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	<u>Sample Input</u>	ppppppppq	ppppppppq	ppqq	1ppp&thq	rtuj5pppq	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	<u>Sample output</u>	valid string	invalid string	invalid string	?	?
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