

# INDEX

S.No	EXPERIMENT	DATE	PAGE NO.	Signature
<b>1.</b>	To understand the basics of Python by the following programs: Write a program to add two numbers to illustrate the use of print statement.			
	Write a program to illustrate the use of conditional statements by checking if the input number is odd or even.			
	Write a program to illustrate the use of functions. Write a program to access the values in a dictionary. Write a program to perform various string operations.			
<b>2.</b>	To implement the Tic-Tac-Toe game in minimum steps.			
<b>3.</b>	To implement the 8-puzzle problem using: ☐ A: Best-First Search and Least-Cost Search. ☐ B: A* Search Algorithm.			
<b>4.</b>	To implement Depth First Search (DFS) using Python			
<b>5.</b>	.To implement Hill Climbing using Python.			
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<b>7.</b>				
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