

AI Lab Examination

Marks: 40

Time: 1.5 hours

[ You have to write all programs using Python codes ]

1. Suppose two teams has scored as ( 1, 2, 4, 5, 1, 5, 2 ) and ( 5, 5, 2, 2, 5, 2, 3 ). 8  
How can you determine, with a program, that first team lost the series?
2. Create a rectangle, and change any two sides. Write a program. 8
3. Find the distance for the pair of two points, ( 1, 2 ) and ( 4, 6 ). Write a program. 8
4. Write a function for factorial of any integer. Calculate factorial 9 with this 8  
function.
5. Prepare three list of different length. Join them. Arrange them in sequential 8  
order. Write the program.