

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). How can you determine, with a program, that first team lost the series? 8
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 function. 8
5. Prepare three list of different length. Join them. Arrange them in sequential order. Write the program. 8