Assignment

1. The following are the rankings given to 6 competitors by two judges

Judge A: 6 5 3 1 4 2
Judge B: 5 6 2 3 1 4

Use spearman's rank correlation test for testing the rankings of judges A and B were independent.(link: V.K. Rohatgi - 4)

2. Scores of a sample of 20 student pilots on their Jet-aviation agency written examination, arranged according to which method was used in their training: video cassette, audio cassette or class room training. JAA is interested in evaluating the effectiveness of these 3 training methods so it wants to test at 0.10 level of significance that mean scores of written examination are equal. Use Kruskal - Wallis test. (link- Hogg, Tanis and Rao.-1)

Written	video cassette(VC)	74 88 82 93 55 70
Examination	audio cassette(AC)	78 80 65 57 89
scores	class room training(C)	68 83 50 91 84 77 94 81 92