TEST CASE-1 For 25 Faculties, 11 FdCDC, 7 FdElec, 5 HdCDC, 5 HdElec

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Faculty_Name,Faculty_Num,Max_Load,Course_Pref,Elec_Pref,Hd_CDC_Pref,Hd_Elec_Pref
Professor_1,1,3,[10 8 6 11],[7 3 5 1],[4 5],[5 3]
Professor_2,2,3,[7 2 4 1],[2 5 8 4],[5 3],[3 5]
Professor_3,3,3,[2 3 5 11],[3 5 6 2],[5 1],[5 2]
Professor_4,4,3,[11 6 3 1],[7 4 2 6],[4 3],[5 2]
Professor_5,5,3,[4 6 11 8],[1 7 5 3],[4 5],[4 1]
Professor_6,6,3,[5 4 10 9],[8 6 2 7],[2 5],[2 4]
Professor_7,7,3,[1 8 3 4],[2 5 7 4],[1 4],[5 2]
Professor_8,8,3,[1 5 4 7],[2 1 7 3],[4 1],[5 2]
Professor_9,9,3,[6 8 4 1],[2 1 8 5],[5 3],[5 1]
Professor_10,10,2,[10 11 4 7],[2 1 5 4],[4 3],[4 1]
Professor_11,11,2,[1 4 5 2],[3 7 5 6],[3 2],[4 3]
Professor_12,12,2,[10 1 5 8],[8 2 1 3],[2 4],[1 3]
Professor_13,13,2,[5 4 10 8],[3 5 7 8],[4 3],[2 3]
Professor_14,14,2,[11 3 7 9],[7 6 4 2],[3 1],[3 2]
Professor_14,14,2,[11 3 7 9],[7 6 4 2],[3 1],[3 2]
Professor_15,15,2,[7 3 11 10],[7 4 6 8],[3 2],[1 2]
Professor_16,16,2,[10 7 8 4],[6 7 4 1],[3 2],[1 2]
Professor_17,7,2,[5 9 3 7],[5 4 6 8],[1 4],[3 5]
Professor_19,19,2,[5 4 8 10],[4 2 6 1],[4 2],[1 4]
Professor_20,20,2,[10 8 9 2],[4 2 7 6],[5 4],[2 4]
Professor_22,22,2,[4 6 3 5],[7 1 3 5],[5 3],[2 5]
Professor_22,22,2,[4 6 3 5],[7 1 3 5],[5 3],[2 5]
Professor_23,23,2,[5 4 10 9],[7 1 8 2],[5 1],[2 1]
Professor_24,24,2,[6 10 2 9],[8 3 5 1],[4 3],[4 5]
Professor_25,25,2,[10 1 3 9],[2 6 7 4],[5 2],[4 3]
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FD CDC Assignment
Professor_1 is assigned half fd cdc course 10 and half fd cdc course 6
Professor_2 is assigned full fd cdc course 7
Professor_3 is assigned half fd cdc course 2 and half fd cdc course 3 and half fd cdc course 11
Professor_4 is assigned half fd cdc course 11 |
Professor_5 is assigned half fd cdc course 4
Professor_6 is assigned half fd cdc course 5
Professor_7 is assigned half fd cdc course 1
Professor_9 is assigned half fd cdc course 6 and half fd cdc course 1
Professor_21 is assigned half fd cdc course 8
Professor_17 is assigned full fd cdc course 9
Professor_25 is assigned half fd cdc course 3
Professor_13 is assigned half fd cdc course 8
Professor_19 is assigned half fd cdc course 8
Professor_19 is assigned half fd cdc course 10
Professor_20 is assigned half fd cdc course 2
Professor_22 is assigned half fd cdc course 5
FD Elective Assignment
Professor_1 is assigned half fd elective course 1
Professor_2 is assigned half fd elective course 2
Professor_4 is assigned half fd elective course 2
Professor_4 is assigned half fd elective course 4
Professor_5 is assigned half fd elective course 1
Professor 5 is assigned half fd elective course 3
Professor_6 is assigned full fd elective course 6
Professor_7 is assigned half fd elective course 4
Professor_7
                    is assigned half fd elective course 5
Professor_8 is assigned half fd elective course 3
Professor_8 is assigned full fd elective course
Professor_9 is assigned half fd elective course 5
Professor_12 is assigned full fd elective course 8
HD CDC Assignment
Professor_10 is assigned full hd cdc course 3
Professor 11 is assigned full hd cdc course 2
Professor 13 is assigned half hd cdc course 4
Professor 14 is assigned full hd cdc course 1
Professor 18 is assigned half hd cdc course 4
Professor_20 is assigned half hd cdc course 5
Professor_22 is assigned half hd cdc course 5
HD Elective Assignment
Professor_15 is assigned full hd elective course 3
Professor_16 is assigned full hd elective course 1
Professor_19 is assigned half hd elective course 4
Professor_21 is assigned half hd elective course 2
Professor_23 is assigned half hd elective course 2
Professor_24 is assigned half hd elective course 4
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Faculty Name, Faculty Num, Max Load, Course Pref, Elec Pref, Hd CDC Pref, Hd Elec Pref
Professor 1,1,3,[6 7 3 4],[5 8 1 9],[5 6],[1 2]
Professor_2,2,3,[5 8 4 2],[7 1 4 5],[7 2],[1 5]
Professor_3,3,3,[3 1 7 6],[6 1 4 10],[1 4],[2 1]
Professor_4,4,3,[10 1 11 6],[4 7 8 1],[3 4],[1 2]
Professor_5,5,3,[4 1 3 5],[1 2 4 7],[3 5],[3 4]
Professor_6,6,3,[2 3 9 6],[10 8 9 5],[4 1],[2 3]
Professor_7,7,3,[1 7 8 3],[1 4 8 9],[7 4],[4 3]
Professor_8,8,3,[3 11 5 6],[9 1 4 3],[7 3],[5 1]
Professor_9,9,3,[5 8 1 10],[1 2 3 9],[6 4],[2 4]
Professor_10,10,3,[3 2 5 9],[10 6 2 8],[3 5],[4 2]
Professor_11,11,3,[6 10 9 4],[6 8 10 2],[1 3],[2 3]
Professor_12,12,2,[1 11 4 7],[9 10 1 4],[7 4],[4 5]
Professor_13,13,2,[9 5 1 11],[2 5 3 4],[5 6],[3 1]
Professor_14,14,2,[1 7 2 11],[9 1 7 3],[2 1],[3 1]
Professor_15, 15, 2, [8 9 3 6], [3 8 7 5], [2 5], [4 5]
Professor_16,16,2,[4 6 7 10],[5 8 7 4],[4 3],[1 5]
Professor_17,17,2,[9 1 2 11],[6 9 1 7],[2 6],[2 4]
Professor 18,18,2,[10 2 9 4],[10 9 1 7],[2 5],[1 4]
Professor_19,19,2,[9 2 6 8],[9 1 4 6],[2 5],[4 5]
Professor_20,20,2,[4 1 10 2],[7 1 9 6],[6 3],[4 3]
Professor_21,21,2,[7 10 1 8],[7 3 10 4],[7 1],[5 4]
Professor_22,22,2,[9 10 2 6],[9 3 1 2],[6 1],[2 4]
Professor_23,23,2,[2 3 1 5],[3 2 8 4],[1 5],[3 2]
Professor_24,24,2,[5 3 6 7],[3 8 9 6],[5 6],[4 3]
Professor_25,25,2,[11 9 7 6],[10 8 4 2],[4 2],[2 4]
Professor_26,26,2,[6 4 11 10],[9 2 4 8],[3 4],[4 3]
Professor_27,27,2,[3 8 10 2],[1 4 8 6],[1 7],[1 4]
Professor_28,28,2,[1 3 7 2],[4 1 5 6],[7 2],[2 5]
Professor_29,29,2,[5 2 10 3],[5 3 7 6],[6 3],[4 5]
Professor_30,30,2,[8 11 6 2],[5 6 2 7],[7 2],[3 4]
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FD CDC Assignment
Professor_1 is assigned full fd cdc course 6
Professor_2 is assigned half fd cdc course 5
Professor_3 is assigned half fd cdc course 3
Professor_4 is assigned half fd cdc course 10
Professor_5 is assigned half fd cdc course 4
Professor_6 is assigned half fd cdc course 2
Professor_7 is assigned half fd cdc course 1
Professor_13 is assigned half fd cdc course 9
Professor_15 is assigned half fd cdc course 8
Professor_21 is assigned half fd cdc course 7 and half fd cdc course 8
Professor_25 is assigned full fd cdc course 11
Professor_23 is assigned half fd cdc course 1 and half fd cdc course 5
Professor_10 is assigned half fd cdc course 9
Professor_18 is assigned half fd cdc course 4
Professor 24 is assigned half fd cdc course 7
Professor_26 is assigned half fd cdc course 10
Professor_29 is assigned half fd cdc course 3
Professor_30 is assigned half fd cdc course 2
FD Elective Assignment
Professor 1 is assigned half fd elective course 1
Professor_2 is assigned half fd elective course 1
Professor_2 is assigned half fd elective course 4
Professor_3 is assigned half fd elective course 4
Professor_3 is assigned half fd elective course 6
Professor_4 is assigned full fd elective course 7
Professor_5 is assigned full fd elective course 2
Professor 6 is assigned full fd elective course 5
Professor_7 is assigned full fd elective course 8
Professor_8 is assigned full fd elective course 3
Professor_8 is assigned half fd elective course 9
Professor_9 is assigned half fd elective course 9
Professor_10 is assigned half fd elective course 6
Professor 10 is assigned half fd elective course 10
Professor_11 is assigned half fd elective course 10
HD CDC Assignment
Professor_9 is assigned full hd cdc course 4
Professor_11 is assigned full hd cdc course 1
Professor_12 is assigned full hd cdc course 7
Professor 13 is assigned half hd cdc course 5
Professor_14 is assigned full hd cdc course 2
Professor_15 is assigned half hd cdc course 5
Professor_16 is assigned full hd cdc course 3
Professor_17 is assigned full hd cdc course 6
HD Elective Assignment
Professor_18 is assigned half hd elective course 1
Professor_19 is assigned full hd elective course 4
Professor_20 is assigned full hd elective course 3
Professor_22 is assigned full hd elective course 2
Professor_27 is assigned half hd elective course 1
Professor_28 is assigned full hd elective course 5
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