**Using FCA**

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task\_concept-student\_concept pairs

[(54, 193), (78, 100), (87, 149), (115, 240), (119, 196), (132, 253), (144, 230), (145, 329), (156, 410), (191, 326), (236, 353), (259, 305), (269, 199), (272, 449), (284, 307), (295, 338), (299, 233), (308, 130), (310, 110), (322, 465), (327, 328), (344, 222), (362, 163), (366, 114), (380, 234), (381, 428), (78, 101), (322, 344), (78, 102), (78, 105), (78, 106), (78, 107), (78, 108), (78, 109), (78, 111), (78, 113), (78, 115), (78, 116), (78, 117), (78, 119), (78, 120), (78, 121), (78, 122), (78, 123), (78, 124), (78, 125), (78, 126), (78, 127), (78, 128), (78, 129), (78, 131), (78, 132), (78, 134), (78, 136), (78, 137), (78, 138), (78, 140), (78, 142), (78, 143), (78, 144), (78, 145), (78, 146), (78, 147), (78, 148), (78, 151), (78, 152), (78, 153), (78, 155), (78, 156), (78, 157), (78, 158), (78, 159), (78, 160), (78, 161), (78, 162), (78, 164), (78, 168), (78, 170), (78, 171), (78, 172), (78, 173), (78, 174), (78, 175), (78, 176), (78, 177), (78, 178), (78, 179), (78, 180), (78, 181), (78, 182), (78, 183), (78, 184), (78, 185), (78, 186), (78, 187), (78, 188), (78, 189), (78, 190), (78, 191), (78, 192), (78, 194), (78, 195), (78, 197), (78, 200), (78, 202), (78, 203), (78, 204), (78, 205), (78, 206), (78, 207), (78, 208), (78, 209), (78, 210), (78, 211), (78, 212), (78, 213), (78, 214), (78, 215), (78, 216), (78, 217), (78, 219), (78, 220), (78, 221), (78, 223), (78, 224), (78, 226), (78, 227), (78, 228), (78, 229), (78, 231), (78, 232), (78, 235), (78, 236), (78, 237), (78, 238), (78, 239), (78, 241), (78, 242), (78, 243), (78, 244), (78, 245), (78, 246), (78, 250), (78, 251), (78, 254), (78, 255), (78, 256), (78, 257), (78, 258), (78, 259), (78, 260), (78, 261), (78, 262), (78, 263), (78, 264), (78, 265), (78, 266), (78, 267), (78, 268), (78, 269), (78, 270), (78, 271), (78, 272), (78, 273), (78, 274), (78, 275), (78, 278), (78, 279), (78, 280), (78, 283), (78, 284), (78, 285), (78, 286), (78, 287), (78, 288), (78, 289), (78, 290), (78, 291), (78, 292), (78, 293), (78, 295), (78, 296), (78, 298), (78, 299), (78, 300), (78, 301), (78, 302), (78, 303), (78, 304), (78, 306), (78, 308), (78, 309), (78, 310), (78, 311), (78, 312), (78, 313), (78, 315), (78, 316), (78, 317), (78, 318), (78, 320), (78, 321), (78, 322), (78, 325), (78, 330), (78, 331), (78, 332), (78, 333), (78, 335), (78, 336), (78, 337), (78, 339), (78, 340), (78, 341), (78, 343), (78, 345), (78, 346), (78, 348), (78, 350), (78, 351), (78, 352), (78, 354), (78, 355), (78, 357), (78, 358), (78, 359), (78, 360), (78, 361), (78, 362), (78, 363), (78, 365), (78, 366), (78, 367), (78, 368), (78, 370), (78, 372), (78, 375), (78, 376), (78, 377), (78, 378), (78, 379), (78, 380), (78, 381), (78, 382), (78, 383), (78, 384), (78, 386), (78, 387), (78, 388), (78, 389), (78, 390), (78, 391), (78, 392), (78, 394), (78, 396), (78, 397), (78, 401), (78, 402), (78, 403), (78, 404), (78, 405), (78, 406), (344, 53), (78, 407), (78, 408), (78, 409), (78, 411), (78, 412), (78, 413), (322, 42), (343, 69), (78, 414), (78, 415), (78, 416), (78, 417), (295, 51), (78, 418), (78, 419), (78, 420), (299, 24), (78, 421), (78, 422), (272, 91), (78, 423), (78, 424), (78, 425), (78, 426), (78, 427), (298, 89), (322, 54), (78, 429), (78, 430), (78, 431), (78, 432), (78, 433), (78, 434), (322, 93), (78, 435), (78, 436), (78, 437), (78, 438), (78, 439), (78, 440), (78, 441), (78, 442), (78, 443), (78, 444), (78, 445), (78, 446), (277, 30), (282, 77), (78, 447), (78, 448), (78, 450), (78, 451), (78, 452), (236, 59), (78, 453), (78, 454), (78, 455), (78, 456), (210, 19), (78, 457), (78, 458), (78, 459), (78, 460), (78, 461), (78, 462), (191, 88), (78, 463), (78, 464), (78, 466), (78, 467), (78, 468), (78, 469), (78, 470), (78, 471), (78, 472), (191, 46), (78, 473), (78, 474), (126, 74), (78, 475), (138, 82), (78, 476), (132, 87), (78, 477), (78, 478), (78, 479), (78, 480), (173, 80), (78, 481), (78, 482), (78, 483), (145, 63), (78, 484), (78, 485), (54, 22), (78, 486), (78, 487), (78, 488), (78, 489), (78, 490), (78, 491), (78, 492), (126, 52), (78, 493), (78, 494), (115, 25), (78, 495), (143, 37), (78, 496), (78, 497), (78, 498), (78, 499), (78, 500), (78, 501), (78, 502), (78, 503), (132, 26), (78, 504), (78, 505), (78, 506), (78, 507), (379, 76), (78, 508), (78, 509), (375, 14), (78, 510), (374, 43), (78, 511), (78, 103), (372, 17), (78, 104), (309, 78), (78, 112), (78, 118), (78, 133), (78, 135), (78, 139), (78, 150), (78, 154), (308, 18), (310, 1), (78, 165), (281, 60), (78, 166), (78, 167), (284, 57), (78, 169), (78, 198), (78, 201), (78, 225), (327, 47), (78, 247), (274, 28), (362, 10), (78, 248), (350, 48), (78, 249), (78, 252), (78, 276), (280, 64), (78, 277), (361, 0), (78, 281), (78, 282), (259, 39), (78, 294), (245, 66), (78, 297), (257, 40), (78, 314), (78, 319), (78, 323), (78, 324), (78, 327), (156, 2), (78, 334), (78, 342), (78, 347), (303, 68), (308, 5), (78, 349), (166, 21), (198, 97), (78, 356), (78, 364), (144, 23), (192, 58), (78, 369), (78, 371), (178, 31), (78, 373), (78, 374), (78, 385), (78, 393), (78, 395), (78, 398), (78, 399), (78, 400), (78, 141), (78, 218), (78, 96), (78, 61), (78, 70), (150, 38), (78, 9), (144, 73), (78, 84), (95, 50), (78, 27), (78, 33), (117, 56), (78, 44), (119, 55), (156, 11), (78, 72), (78, 95), (156, 94), (78, 29), (78, 32), (78, 90), (78, 16), (123, 65), (78, 35), (78, 13), (78, 45), (78, 3), (78, 6), (78, 12), (78, 41), (119, 15), (78, 71), (78, 20), (78, 75), (78, 85), (78, 8), (78, 34), (87, 7), (78, 81), (78, 92), (86, 86), (78, 98), (78, 4), (78, 36), (78, 79), (78, 83), (78, 99), (78, 49), (78, 67), (78, 62)]

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average stable percentage: 0.04589409957645074

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project part ....

project1 ( 100 ) >{student1,student2,student3,student4,student5,student6,student7,student8,student9,student10,student11,student12,student13,student14,student15,student16,student17,student18,student19,student20,student21,student22,student23,student24,student25,student26,student27,student28,student29,student30,student31,student32,student33,student34,student35,student36,student37,student38,student39,student40,student41,student42,student43,student44,student45,student46,student47,student48,student49,student50,student51,student52,student53,student54,student55,student56,student57,student58,student59,student60,student61,student62,student63,student64,student65,student66,student67,student68,student69,student70,student71,student72,student73,student74,student75,student76,student77,student78,student79,student80,student81,student82,student83,student84,student85,student86,student87,student88,student89,student90,student91,student92,student93,student94,student95,student96,student97,student98,student99,student100,}

project2 ( 3 ) >{student57,student77,student48,}

project3 ( 5 ) >{student1,student77,student48,student51,student57,}

project4 ( 6 ) >{student69,student70,student11,student12,student89,student29,}

project5 ( 2 ) >{student49,student77,}

project6 ( 1 ) >{student49,}

project7 ( 6 ) >{student1,student70,student12,student77,student18,student89,}

project8 ( 6 ) >{student1,student70,student41,student12,student15,student89,}

project9 ( 5 ) >{student6,student77,student51,student19,student26,}

project10 ( 7 ) >{student98,student40,student77,student16,student18,student56,student57,}

project11 ( 6 ) >{student1,student70,student12,student79,student15,student89,}

project12 ( 6 ) >{student66,student75,student15,student48,student53,student57,}

project13 ( 13 ) >{student1,student98,student2,student66,student69,student6,student40,student41,student77,student16,student19,student88,student27,}

project14 ( 9 ) >{student2,student70,student11,student12,student44,student83,student87,student89,student29,}

project15 ( 9 ) >{student70,student38,student74,student12,student44,student16,student87,student24,student89,}

project16 ( 100 ) >{student1,student2,student3,student4,student5,student6,student7,student8,student9,student10,student11,student12,student13,student14,student15,student16,student17,student18,student19,student20,student21,student22,student23,student24,student25,student26,student27,student28,student29,student30,student31,student32,student33,student34,student35,student36,student37,student38,student39,student40,student41,student42,student43,student44,student45,student46,student47,student48,student49,student50,student51,student52,student53,student54,student55,student56,student57,student58,student59,student60,student61,student62,student63,student64,student65,student66,student67,student68,student69,student70,student71,student72,student73,student74,student75,student76,student77,student78,student79,student80,student81,student82,student83,student84,student85,student86,student87,student88,student89,student90,student91,student92,student93,student94,student95,student96,student97,student98,student99,student100,}

project17 ( 2 ) >{student77,student39,}

project18 ( 3 ) >{student49,student18,student15,}

project19 ( 9 ) >{student3,student12,student77,student48,student57,student27,student92,student95,student64,}

project20 ( 5 ) >{student2,student70,student12,student87,student89,}

project21 ( 4 ) >{student89,student12,student29,student70,}

project22 ( 7 ) >{student67,student70,student12,student77,student54,student22,student89,}

project23 ( 6 ) >{student70,student12,student77,student22,student89,student31,}

project24 ( 5 ) >{student70,student12,student77,student81,student89,}

project25 ( 5 ) >{student65,student51,student22,student61,student32,}

project26 ( 3 ) >{student89,student12,student70,}

project27 ( 1 ) >{student65,}

project28 ( 11 ) >{student70,student41,student12,student78,student49,student18,student54,student22,student25,student58,student89,}

project29 ( 4 ) >{student89,student44,student12,student70,}

project30 ( 5 ) >{student70,student12,student47,student89,student59,}

project31 ( 7 ) >{student70,student38,student12,student78,student49,student25,student89,}

project32 ( 6 ) >{student2,student70,student12,student77,student16,student89,}

project33 ( 9 ) >{student98,student6,student70,student12,student44,student47,student19,student89,student31,}

project34 ( 4 ) >{student89,student12,student77,student70,}

project35 ( 4 ) >{student89,student44,student12,student70,}

project36 ( 6 ) >{student65,student98,student67,student77,student48,student57,}

project37 ( 8 ) >{student2,student70,student12,student77,student16,student54,student22,student89,}

project38 ( 4 ) >{student89,student12,student70,student15,}

project39 ( 4 ) >{student89,student12,student70,student79,}

project40 ( 6 ) >{student70,student12,student44,student78,student81,student89,}

project41 ( 3 ) >{student25,student49,student20,}

project42 ( 7 ) >{student70,student12,student54,student22,student89,student57,student32,}

project43 ( 8 ) >{student2,student70,student12,student16,student54,student22,student89,student31,}

project44 ( 4 ) >{student27,student92,student77,student64,}

project45 ( 6 ) >{student41,student77,student49,student18,student51,student26,}

project46 ( 4 ) >{student89,student12,student69,student70,}

project47 ( 3 ) >{student1,student18,student77,}

project48 ( 4 ) >{student49,student75,student53,student77,}

project49 ( 5 ) >{student15,student18,student27,student92,student64,}

project50 ( 5 ) >{student3,student12,student15,student49,student95,}

project51 ( 11 ) >{student1,student70,student12,student15,student48,student16,student88,student56,student89,student27,student64,}

project52 ( 2 ) >{student18,student77,}

project53 ( 5 ) >{student1,student70,student12,student15,student89,}

project54 ( 3 ) >{student18,student15,student79,}

project55 ( 2 ) >{student23,student16,}

project56 ( 7 ) >{student70,student12,student44,student49,student25,student89,student61,}

project57 ( 5 ) >{student69,student70,student12,student77,student89,}

project58 ( 7 ) >{student74,student43,student49,student52,student55,student25,student94,}

project59 ( 3 ) >{student25,student49,student61,}

project60 ( 2 ) >{student25,student49,}

project61 ( 4 ) >{student25,student2,student49,student87,}

project62 ( 6 ) >{student74,student11,student49,student52,student25,student29,}

project63 ( 8 ) >{student11,student16,student49,student83,student20,student87,student25,student29,}

project64 ( 6 ) >{student43,student49,student55,student25,student29,student94,}

project65 ( 6 ) >{student65,student11,student49,student25,student60,student29,}

project66 ( 5 ) >{student65,student49,student25,student90,student60,}

project67 ( 5 ) >{student43,student49,student55,student25,student94,}

project68 ( 5 ) >{student70,student41,student12,student89,student58,}

project69 ( 4 ) >{student25,student2,student49,student87,}

project70 ( 6 ) >{student2,student39,student49,student87,student25,student90,}

project71 ( 7 ) >{student2,student74,student49,student87,student24,student25,student90,}

project72 ( 6 ) >{student2,student74,student49,student52,student87,student25,}

project73 ( 11 ) >{student39,student41,student43,student11,student44,student49,student55,student25,student58,student29,student94,}

project74 ( 7 ) >{student11,student16,student49,student87,student25,student59,student29,}

project75 ( 4 ) >{student25,student87,student49,student39,}

project76 ( 10 ) >{student2,student70,student39,student8,student12,student44,student49,student87,student25,student89,}

project77 ( 4 ) >{student25,student11,student49,student29,}

project78 ( 7 ) >{student98,student70,student40,student12,student44,student79,student89,}

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student part ....

student1 ( 10 ) >{project1,project3,project7,project8,project11,project13,project47,project16,project51,project53,}

student2 ( 14 ) >{project1,project37,project69,project70,project71,project72,project43,project76,project13,project14,project16,project20,project61,project32,}

student3 ( 4 ) >{project1,project50,project19,project16,}

student4 ( 2 ) >{project1,project16,}

student5 ( 2 ) >{project1,project16,}

student6 ( 5 ) >{project1,project33,project9,project13,project16,}

student7 ( 2 ) >{project1,project16,}

student8 ( 3 ) >{project1,project76,project16,}

student9 ( 2 ) >{project1,project16,}

student10 ( 2 ) >{project1,project16,}

student11 ( 10 ) >{project65,project1,project4,project73,project74,project77,project14,project16,project62,project63,}

student12 ( 38 ) >{project1,project4,project7,project8,project11,project14,project15,project16,project19,project20,project21,project22,project23,project24,project26,project28,project29,project30,project31,project32,project33,project34,project35,project37,project38,project39,project40,project42,project43,project46,project50,project51,project53,project56,project57,project68,project76,project78,}

student13 ( 2 ) >{project1,project16,}

student14 ( 2 ) >{project1,project16,}

student15 ( 12 ) >{project1,project38,project8,project11,project12,project16,project49,project18,project50,project51,project53,project54,}

student16 ( 12 ) >{project1,project37,project10,project74,project43,project13,project15,project16,project51,project55,project63,project32,}

student17 ( 2 ) >{project1,project16,}

student18 ( 11 ) >{project1,project7,project10,project45,project47,project16,project49,project18,project52,project54,project28,}

student19 ( 5 ) >{project1,project33,project9,project13,project16,}

student20 ( 4 ) >{project1,project41,project63,project16,}

student21 ( 2 ) >{project1,project16,}

student22 ( 9 ) >{project1,project37,project42,project43,project16,project22,project23,project25,project28,}

student23 ( 3 ) >{project1,project55,project16,}

student24 ( 4 ) >{project1,project71,project15,project16,}

student25 ( 25 ) >{project1,project16,project28,project31,project41,project56,project58,project59,project60,project61,project62,project63,project64,project65,project66,project67,project69,project70,project71,project72,project73,project74,project75,project76,project77,}

student26 ( 4 ) >{project9,project1,project45,project16,}

student27 ( 7 ) >{project1,project44,project13,project16,project49,project51,project19,}

student28 ( 2 ) >{project1,project16,}

student29 ( 12 ) >{project65,project1,project4,project73,project74,project77,project14,project16,project21,project62,project63,project64,}

student30 ( 2 ) >{project1,project16,}

student31 ( 5 ) >{project1,project33,project43,project16,project23,}

student32 ( 4 ) >{project1,project25,project42,project16,}

student33 ( 2 ) >{project1,project16,}

student34 ( 2 ) >{project1,project16,}

student35 ( 2 ) >{project1,project16,}

student36 ( 2 ) >{project1,project16,}

student37 ( 2 ) >{project1,project16,}

student38 ( 4 ) >{project1,project31,project15,project16,}

student39 ( 7 ) >{project1,project70,project73,project75,project76,project16,project17,}

student40 ( 5 ) >{project1,project10,project13,project78,project16,}

student41 ( 8 ) >{project1,project68,project8,project73,project13,project45,project16,project28,}

student42 ( 2 ) >{project1,project16,}

student43 ( 6 ) >{project1,project67,project73,project16,project58,project64,}

student44 ( 12 ) >{project1,project33,project35,project40,project73,project76,project14,project15,project16,project78,project56,project29,}

student45 ( 2 ) >{project1,project16,}

student46 ( 2 ) >{project1,project16,}

student47 ( 4 ) >{project33,project1,project30,project16,}

student48 ( 8 ) >{project1,project2,project3,project36,project12,project16,project51,project19,}

student49 ( 31 ) >{project1,project5,project6,project16,project18,project28,project31,project41,project45,project48,project50,project56,project58,project59,project60,project61,project62,project63,project64,project65,project66,project67,project69,project70,project71,project72,project73,project74,project75,project76,project77,}

student50 ( 2 ) >{project1,project16,}

student51 ( 6 ) >{project1,project3,project9,project45,project16,project25,}

student52 ( 5 ) >{project1,project72,project16,project58,project62,}

student53 ( 4 ) >{project1,project12,project48,project16,}

student54 ( 7 ) >{project1,project37,project42,project43,project16,project22,project28,}

student55 ( 6 ) >{project1,project67,project73,project16,project58,project64,}

student56 ( 4 ) >{project1,project10,project51,project16,}

student57 ( 9 ) >{project1,project2,project3,project36,project10,project42,project12,project16,project19,}

student58 ( 5 ) >{project1,project68,project73,project16,project28,}

student59 ( 4 ) >{project1,project74,project30,project16,}

student60 ( 4 ) >{project65,project66,project1,project16,}

student61 ( 5 ) >{project1,project16,project56,project25,project59,}

student62 ( 2 ) >{project1,project16,}

student63 ( 2 ) >{project1,project16,}

student64 ( 6 ) >{project1,project44,project16,project49,project51,project19,}

student65 ( 7 ) >{project65,project66,project1,project36,project16,project25,project27,}

student66 ( 4 ) >{project1,project12,project13,project16,}

student67 ( 4 ) >{project1,project36,project22,project16,}

student68 ( 2 ) >{project1,project16,}

student69 ( 6 ) >{project1,project4,project13,project46,project16,project57,}

student70 ( 36 ) >{project1,project4,project7,project8,project11,project14,project15,project16,project20,project21,project22,project23,project24,project26,project28,project29,project30,project31,project32,project33,project34,project35,project37,project38,project39,project40,project42,project43,project46,project51,project53,project56,project57,project68,project76,project78,}

student71 ( 2 ) >{project1,project16,}

student72 ( 2 ) >{project1,project16,}

student73 ( 2 ) >{project1,project16,}

student74 ( 7 ) >{project1,project71,project72,project15,project16,project58,project62,}

student75 ( 4 ) >{project1,project12,project48,project16,}

student76 ( 2 ) >{project1,project16,}

student77 ( 24 ) >{project1,project2,project3,project5,project7,project9,project10,project13,project16,project17,project19,project22,project23,project24,project32,project34,project36,project37,project44,project45,project47,project48,project52,project57,}

student78 ( 5 ) >{project1,project40,project16,project28,project31,}

student79 ( 6 ) >{project1,project39,project11,project78,project16,project54,}

student80 ( 2 ) >{project1,project16,}

student81 ( 4 ) >{project1,project24,project40,project16,}

student82 ( 2 ) >{project1,project16,}

student83 ( 4 ) >{project1,project14,project63,project16,}

student84 ( 2 ) >{project1,project16,}

student85 ( 2 ) >{project1,project16,}

student86 ( 2 ) >{project1,project16,}

student87 ( 14 ) >{project1,project69,project70,project71,project72,project74,project75,project76,project14,project15,project16,project20,project61,project63,}

student88 ( 4 ) >{project1,project51,project13,project16,}

student89 ( 36 ) >{project1,project4,project7,project8,project11,project14,project15,project16,project20,project21,project22,project23,project24,project26,project28,project29,project30,project31,project32,project33,project34,project35,project37,project38,project39,project40,project42,project43,project46,project51,project53,project56,project57,project68,project76,project78,}

student90 ( 5 ) >{project1,project66,project70,project71,project16,}

student91 ( 2 ) >{project1,project16,}

student92 ( 5 ) >{project1,project44,project16,project49,project19,}

student93 ( 2 ) >{project1,project16,}

student94 ( 6 ) >{project1,project67,project73,project16,project58,project64,}

student95 ( 4 ) >{project1,project50,project19,project16,}

student96 ( 2 ) >{project1,project16,}

student97 ( 2 ) >{project1,project16,}

student98 ( 7 ) >{project1,project33,project36,project10,project13,project78,project16,}

student99 ( 2 ) >{project1,project16,}

student100 ( 2 ) >{project1,project16,}

after limiting projects

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project part ....

project1 ( 42 ) >{student4,student5,student7,student8,student9,student10,student13,student14,student17,student21,student28,student30,student33,student34,student35,student36,student37,student42,student45,student46,student50,student62,student63,student67,student68,student71,student72,student73,student76,student80,student82,student84,student85,student86,student87,student91,student93,student95,student96,student97,student99,student100,}

project2 ( 0 ) >{}

project3 ( 1 ) >{student51,}

project4 ( 0 ) >{}

project5 ( 0 ) >{}

project6 ( 0 ) >{}

project7 ( 1 ) >{student1,}

project8 ( 0 ) >{}

project9 ( 2 ) >{student19,student26,}

project10 ( 2 ) >{student56,student57,}

project11 ( 0 ) >{}

project12 ( 4 ) >{student66,student75,student48,student53,}

project13 ( 6 ) >{student66,student6,student40,student41,student88,student27,}

project14 ( 1 ) >{student83,}

project15 ( 2 ) >{student38,student24,}

project16 ( 43 ) >{student4,student5,student6,student7,student9,student10,student13,student14,student17,student21,student23,student28,student30,student33,student34,student35,student36,student37,student42,student43,student45,student46,student50,student62,student63,student64,student68,student71,student72,student73,student74,student76,student80,student82,student84,student85,student86,student91,student93,student96,student97,student99,student100,}

project17 ( 1 ) >{student39,}

project18 ( 0 ) >{}

project19 ( 4 ) >{student3,student48,student92,student95,}

project20 ( 0 ) >{}

project21 ( 1 ) >{student29,}

project22 ( 1 ) >{student67,}

project23 ( 2 ) >{student22,student31,}

project24 ( 2 ) >{student81,student89,}

project25 ( 4 ) >{student51,student22,student61,student32,}

project26 ( 0 ) >{}

project27 ( 1 ) >{student65,}

project28 ( 2 ) >{student18,student58,}

project29 ( 1 ) >{student44,}

project30 ( 2 ) >{student47,student59,}

project31 ( 2 ) >{student38,student78,}

project32 ( 1 ) >{student2,}

project33 ( 3 ) >{student98,student47,student19,}

project34 ( 1 ) >{student12,}

project35 ( 0 ) >{}

project36 ( 3 ) >{student65,student98,student77,}

project37 ( 1 ) >{student54,}

project38 ( 1 ) >{student15,}

project39 ( 1 ) >{student12,}

project40 ( 2 ) >{student78,student81,}

project41 ( 1 ) >{student20,}

project42 ( 2 ) >{student57,student32,}

project43 ( 3 ) >{student16,student54,student31,}

project44 ( 0 ) >{}

project45 ( 2 ) >{student41,student26,}

project46 ( 1 ) >{student69,}

project47 ( 1 ) >{student1,}

project48 ( 2 ) >{student75,student53,}

project49 ( 3 ) >{student15,student18,student92,}

project50 ( 2 ) >{student3,student49,}

project51 ( 4 ) >{student88,student56,student27,student64,}

project52 ( 0 ) >{}

project53 ( 1 ) >{student89,}

project54 ( 1 ) >{student79,}

project55 ( 1 ) >{student23,}

project56 ( 0 ) >{}

project57 ( 3 ) >{student69,student70,student77,}

project58 ( 2 ) >{student52,student94,}

project59 ( 1 ) >{student61,}

project60 ( 0 ) >{}

project61 ( 1 ) >{student2,}

project62 ( 2 ) >{student49,student52,}

project63 ( 4 ) >{student11,student16,student83,student20,}

project64 ( 4 ) >{student43,student55,student29,student94,}

project65 ( 1 ) >{student60,}

project66 ( 1 ) >{student60,}

project67 ( 1 ) >{student55,}

project68 ( 1 ) >{student58,}

project69 ( 0 ) >{}

project70 ( 2 ) >{student25,student90,}

project71 ( 4 ) >{student74,student24,student25,student90,}

project72 ( 0 ) >{}

project73 ( 0 ) >{}

project74 ( 1 ) >{student59,}

project75 ( 2 ) >{student87,student39,}

project76 ( 1 ) >{student8,}

project77 ( 1 ) >{student11,}

project78 ( 4 ) >{student70,student40,student44,student79,}

---------------------------------------------------------------------------

student part ....

student1 ( 2 ) >{project7,project47,}

student2 ( 2 ) >{project61,project32,}

student3 ( 2 ) >{project50,project19,}

student4 ( 2 ) >{project1,project16,}

student5 ( 2 ) >{project1,project16,}

student6 ( 2 ) >{project13,project16,}

student7 ( 2 ) >{project1,project16,}

student8 ( 2 ) >{project1,project76,}

student9 ( 2 ) >{project1,project16,}

student10 ( 2 ) >{project1,project16,}

student11 ( 2 ) >{project77,project63,}

student12 ( 2 ) >{project34,project39,}

student13 ( 2 ) >{project1,project16,}

student14 ( 2 ) >{project1,project16,}

student15 ( 2 ) >{project38,project49,}

student16 ( 2 ) >{project43,project63,}

student17 ( 2 ) >{project1,project16,}

student18 ( 2 ) >{project49,project28,}

student19 ( 2 ) >{project33,project9,}

student20 ( 2 ) >{project41,project63,}

student21 ( 2 ) >{project1,project16,}

student22 ( 2 ) >{project23,project25,}

student23 ( 2 ) >{project55,project16,}

student24 ( 2 ) >{project71,project15,}

student25 ( 2 ) >{project70,project71,}

student26 ( 2 ) >{project9,project45,}

student27 ( 2 ) >{project13,project51,}

student28 ( 2 ) >{project1,project16,}

student29 ( 2 ) >{project21,project64,}

student30 ( 2 ) >{project1,project16,}

student31 ( 2 ) >{project43,project23,}

student32 ( 2 ) >{project25,project42,}

student33 ( 2 ) >{project1,project16,}

student34 ( 2 ) >{project1,project16,}

student35 ( 2 ) >{project1,project16,}

student36 ( 2 ) >{project1,project16,}

student37 ( 2 ) >{project1,project16,}

student38 ( 2 ) >{project31,project15,}

student39 ( 2 ) >{project75,project17,}

student40 ( 2 ) >{project13,project78,}

student41 ( 2 ) >{project13,project45,}

student42 ( 2 ) >{project1,project16,}

student43 ( 2 ) >{project16,project64,}

student44 ( 2 ) >{project78,project29,}

student45 ( 2 ) >{project1,project16,}

student46 ( 2 ) >{project1,project16,}

student47 ( 2 ) >{project33,project30,}

student48 ( 2 ) >{project12,project19,}

student49 ( 2 ) >{project50,project62,}

student50 ( 2 ) >{project1,project16,}

student51 ( 2 ) >{project3,project25,}

student52 ( 2 ) >{project58,project62,}

student53 ( 2 ) >{project12,project48,}

student54 ( 2 ) >{project37,project43,}

student55 ( 2 ) >{project67,project64,}

student56 ( 2 ) >{project10,project51,}

student57 ( 2 ) >{project10,project42,}

student58 ( 2 ) >{project68,project28,}

student59 ( 2 ) >{project74,project30,}

student60 ( 2 ) >{project65,project66,}

student61 ( 2 ) >{project25,project59,}

student62 ( 2 ) >{project1,project16,}

student63 ( 2 ) >{project1,project16,}

student64 ( 2 ) >{project16,project51,}

student65 ( 2 ) >{project36,project27,}

student66 ( 2 ) >{project12,project13,}

student67 ( 2 ) >{project1,project22,}

student68 ( 2 ) >{project1,project16,}

student69 ( 2 ) >{project46,project57,}

student70 ( 2 ) >{project57,project78,}

student71 ( 2 ) >{project1,project16,}

student72 ( 2 ) >{project1,project16,}

student73 ( 2 ) >{project1,project16,}

student74 ( 2 ) >{project71,project16,}

student75 ( 2 ) >{project12,project48,}

student76 ( 2 ) >{project1,project16,}

student77 ( 2 ) >{project36,project57,}

student78 ( 2 ) >{project40,project31,}

student79 ( 2 ) >{project78,project54,}

student80 ( 2 ) >{project1,project16,}

student81 ( 2 ) >{project24,project40,}

student82 ( 2 ) >{project1,project16,}

student83 ( 2 ) >{project14,project63,}

student84 ( 2 ) >{project1,project16,}

student85 ( 2 ) >{project1,project16,}

student86 ( 2 ) >{project1,project16,}

student87 ( 2 ) >{project1,project75,}

student88 ( 2 ) >{project51,project13,}

student89 ( 2 ) >{project24,project53,}

student90 ( 2 ) >{project70,project71,}

student91 ( 2 ) >{project1,project16,}

student92 ( 2 ) >{project49,project19,}

student93 ( 2 ) >{project1,project16,}

student94 ( 2 ) >{project58,project64,}

student95 ( 2 ) >{project1,project19,}

student96 ( 2 ) >{project1,project16,}

student97 ( 2 ) >{project1,project16,}

student98 ( 2 ) >{project33,project36,}

student99 ( 2 ) >{project1,project16,}

student100 ( 2 ) >{project1,project16,}

**using clustering**

task\_concept-student\_concept pairs

[(2, 6), (2, 3), (2, 4), (0, 0), (2, 2), (2, 1), (2, 5)]

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average stable percentage: 0.041148285059192366

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project part ....

3 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

13 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

14 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

19 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

20 ( 9 ) >{0,67,68,5,37,15,86,26,62,}

21 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

23 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

24 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

25 ( 9 ) >{0,67,68,5,37,15,86,26,62,}

26 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

27 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

28 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

29 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

30 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

31 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

33 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

34 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

36 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

37 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

38 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

39 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

41 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

42 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

45 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

55 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

56 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

67 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

77 ( 91 ) >{1,2,3,4,6,7,8,9,10,11,12,13,14,16,17,18,19,20,21,22,23,24,25,27,28,29,30,31,32,33,34,35,36,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,63,64,65,66,69,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,87,88,89,90,91,92,93,94,95,96,97,98,99,}

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student part ....

0 ( 2 ) >{25,20,}

1 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

2 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

3 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

4 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

5 ( 2 ) >{25,20,}

6 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

7 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

8 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

9 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

10 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

11 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

12 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

13 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

14 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

15 ( 2 ) >{25,20,}

16 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

17 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

18 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

19 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

20 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

21 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

22 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

23 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

24 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

25 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

26 ( 2 ) >{25,20,}

27 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

28 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

29 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

30 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

31 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

32 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

33 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

34 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

35 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

36 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

37 ( 2 ) >{25,20,}

38 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

39 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

40 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

41 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

42 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

43 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

44 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

45 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

46 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

47 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

48 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

49 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

50 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

51 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

52 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

53 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

54 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

55 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

56 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

57 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

58 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

59 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

60 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

61 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

62 ( 2 ) >{25,20,}

63 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

64 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

65 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

66 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

67 ( 2 ) >{25,20,}

68 ( 2 ) >{25,20,}

69 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

70 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

71 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

72 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

73 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

74 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

75 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

76 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

77 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

78 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

79 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

80 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

81 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

82 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

83 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

84 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

85 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

86 ( 2 ) >{25,20,}

87 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

88 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

89 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

90 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

91 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

92 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

93 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

94 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

95 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

96 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

97 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

98 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

99 ( 26 ) >{3,13,14,19,21,23,24,26,27,28,29,30,31,33,34,36,37,38,39,41,42,45,55,56,67,77,}

after limiting projects

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project part ....

3 ( 3 ) >{19,28,66,}

13 ( 5 ) >{11,20,28,82,96,}

14 ( 4 ) >{9,18,73,91,}

19 ( 3 ) >{35,50,71,}

20 ( 9 ) >{0,67,68,5,37,15,86,26,62,}

21 ( 6 ) >{2,6,16,41,65,66,}

23 ( 5 ) >{4,70,80,93,99,}

24 ( 4 ) >{41,63,64,75,}

25 ( 9 ) >{0,67,68,5,37,15,86,26,62,}

26 ( 6 ) >{17,49,51,63,64,84,}

27 ( 2 ) >{29,57,}

28 ( 2 ) >{31,43,}

29 ( 5 ) >{29,70,83,88,89,}

30 ( 5 ) >{10,24,25,33,79,}

31 ( 3 ) >{58,72,79,}

33 ( 6 ) >{7,30,38,74,92,95,}

34 ( 4 ) >{16,18,34,43,}

36 ( 15 ) >{3,14,19,27,32,33,53,65,74,76,77,85,87,91,94,}

37 ( 8 ) >{7,9,14,17,24,32,45,51,}

38 ( 12 ) >{4,12,48,49,50,59,75,78,82,90,96,99,}

39 ( 10 ) >{6,20,25,36,44,59,77,80,84,97,}

41 ( 6 ) >{8,10,44,46,83,94,}

42 ( 7 ) >{1,22,30,52,53,54,71,}

45 ( 10 ) >{8,13,39,42,52,55,56,60,69,95,}

55 ( 14 ) >{12,23,35,39,40,45,46,48,56,60,72,85,92,98,}

56 ( 9 ) >{1,21,34,36,40,58,76,81,87,}

67 ( 13 ) >{3,23,31,38,42,47,55,57,61,73,88,93,98,}

77 ( 15 ) >{2,11,13,21,22,27,47,54,61,69,78,81,89,90,97,}

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student part ....

0 ( 2 ) >{25,20,}

1 ( 2 ) >{42,56,}

2 ( 2 ) >{21,77,}

3 ( 2 ) >{36,67,}

4 ( 2 ) >{23,38,}

5 ( 2 ) >{25,20,}

6 ( 2 ) >{21,39,}

7 ( 2 ) >{33,37,}

8 ( 2 ) >{41,45,}

9 ( 2 ) >{14,37,}

10 ( 2 ) >{30,41,}

11 ( 2 ) >{13,77,}

12 ( 2 ) >{38,55,}

13 ( 2 ) >{45,77,}

14 ( 2 ) >{36,37,}

15 ( 2 ) >{25,20,}

16 ( 2 ) >{21,34,}

17 ( 2 ) >{26,37,}

18 ( 2 ) >{14,34,}

19 ( 2 ) >{3,36,}

20 ( 2 ) >{13,39,}

21 ( 2 ) >{56,77,}

22 ( 2 ) >{42,77,}

23 ( 2 ) >{55,67,}

24 ( 2 ) >{30,37,}

25 ( 2 ) >{30,39,}

26 ( 2 ) >{25,20,}

27 ( 2 ) >{36,77,}

28 ( 2 ) >{3,13,}

29 ( 2 ) >{27,29,}

30 ( 2 ) >{33,42,}

31 ( 2 ) >{28,67,}

32 ( 2 ) >{36,37,}

33 ( 2 ) >{30,36,}

34 ( 2 ) >{34,56,}

35 ( 2 ) >{19,55,}

36 ( 2 ) >{39,56,}

37 ( 2 ) >{25,20,}

38 ( 2 ) >{33,67,}

39 ( 2 ) >{45,55,}

40 ( 2 ) >{55,56,}

41 ( 2 ) >{21,24,}

42 ( 2 ) >{45,67,}

43 ( 2 ) >{28,34,}

44 ( 2 ) >{39,41,}

45 ( 2 ) >{37,55,}

46 ( 2 ) >{41,55,}

47 ( 2 ) >{67,77,}

48 ( 2 ) >{38,55,}

49 ( 2 ) >{26,38,}

50 ( 2 ) >{19,38,}

51 ( 2 ) >{26,37,}

52 ( 2 ) >{42,45,}

53 ( 2 ) >{36,42,}

54 ( 2 ) >{42,77,}

55 ( 2 ) >{45,67,}

56 ( 2 ) >{45,55,}

57 ( 2 ) >{27,67,}

58 ( 2 ) >{31,56,}

59 ( 2 ) >{38,39,}

60 ( 2 ) >{45,55,}

61 ( 2 ) >{67,77,}

62 ( 2 ) >{25,20,}

63 ( 2 ) >{24,26,}

64 ( 2 ) >{24,26,}

65 ( 2 ) >{21,36,}

66 ( 2 ) >{3,21,}

67 ( 2 ) >{25,20,}

68 ( 2 ) >{25,20,}

69 ( 2 ) >{45,77,}

70 ( 2 ) >{23,29,}

71 ( 2 ) >{19,42,}

72 ( 2 ) >{31,55,}

73 ( 2 ) >{14,67,}

74 ( 2 ) >{33,36,}

75 ( 2 ) >{24,38,}

76 ( 2 ) >{36,56,}

77 ( 2 ) >{36,39,}

78 ( 2 ) >{38,77,}

79 ( 2 ) >{30,31,}

80 ( 2 ) >{23,39,}

81 ( 2 ) >{56,77,}

82 ( 2 ) >{13,38,}

83 ( 2 ) >{29,41,}

84 ( 2 ) >{26,39,}

85 ( 2 ) >{36,55,}

86 ( 2 ) >{25,20,}

87 ( 2 ) >{36,56,}

88 ( 2 ) >{29,67,}

89 ( 2 ) >{29,77,}

90 ( 2 ) >{38,77,}

91 ( 2 ) >{14,36,}

92 ( 2 ) >{33,55,}

93 ( 2 ) >{23,67,}

94 ( 2 ) >{36,41,}

95 ( 2 ) >{33,45,}

96 ( 2 ) >{13,38,}

97 ( 2 ) >{39,77,}

98 ( 2 ) >{55,67,}

99 ( 2 ) >{23,38,}