Assumption is that in the last row (nth row ) the values are 11111

Ex :

For n=6

**[[0 1 0 0 0 0]**

**[0 0 1 0 0 0 ]**

**[0 0 0 1 0 0]**

**[0 0 0 0 1 0]**

**[0 0 0 0 0 1]**

**[1 1 1 1 1 1]]**

The output for the matrice exponents is as follows :

C:\Python27\python.exe "C:/Users/windows 7/PycharmProjects/Exp\_Matrix/test6I.py"

for n = 6 the exponent is 6

for n = 7 the exponent is 9

for n = 8 the exponent is 11

for n = 9 the exponent is 13

for n = 10 the exponent is 15

for n = 11 the exponent is 17

for n = 12 the exponent is 26

for n = 13 the exponent is 29

for n = 14 the exponent is 32

for n = 15 the exponent is 35

for n = 16 the exponent is 38

for n = 17 the exponent is 53

for n = 18 the exponent is 57

for n = 19 the exponent is 61

for n = 20 the exponent is 65

for n = 21 the exponent is 69

for n = 22 the exponent is 90

for n = 23 the exponent is 95

for n = 24 the exponent is 100

for n = 25 the exponent is 105

for n = 26 the exponent is 110

for n = 27 the exponent is 137

for n = 28 the exponent is 143

for n = 29 the exponent is 149

for n = 30 the exponent is 155

for n = 31 the exponent is 161

for n = 32 the exponent is 194

for n = 33 the exponent is 201

for n = 34 the exponent is 208

for n = 35 the exponent is 215

for n = 36 the exponent is 222

for n = 37 the exponent is 261

for n = 38 the exponent is 269

for n = 39 the exponent is 277

for n = 40 the exponent is 285

for n = 41 the exponent is 293

for n = 42 the exponent is 338

for n = 43 the exponent is 347

for n = 44 the exponent is 356

for n = 45 the exponent is 365

for n = 46 the exponent is 374

for n = 47 the exponent is 425

for n = 48 the exponent is 435

for n = 49 the exponent is 445

for n = 50 the exponent is 455

for n = 51 the exponent is 465

for n = 52 the exponent is 522

for n = 53 the exponent is 533

for n = 54 the exponent is 544

for n = 55 the exponent is 555

for n = 56 the exponent is 566

for n = 57 the exponent is 629

for n = 58 the exponent is 641

for n = 59 the exponent is 653

for n = 60 the exponent is 665

for n = 61 the exponent is 677

for n = 62 the exponent is 746

for n = 63 the exponent is 759

for n = 64 the exponent is 772

for n = 65 the exponent is 785

for n = 66 the exponent is 798

for n = 67 the exponent is 873

for n = 68 the exponent is 887

for n = 69 the exponent is 901

for n = 70 the exponent is 915

for n = 71 the exponent is 929

for n = 72 the exponent is 1010

for n = 73 the exponent is 1025

for n = 74 the exponent is 1040

for n = 75 the exponent is 1055

for n = 76 the exponent is 1070

for n = 77 the exponent is 1157

for n = 78 the exponent is 1173

for n = 79 the exponent is 1189

for n = 80 the exponent is 1205

for n = 81 the exponent is 1221

for n = 82 the exponent is 1314

for n = 83 the exponent is 1331

for n = 84 the exponent is 1348

for n = 85 the exponent is 1365

for n = 86 the exponent is 1382

for n = 87 the exponent is 1481

for n = 88 the exponent is 1499

for n = 89 the exponent is 1517

for n = 90 the exponent is 1535

for n = 91 the exponent is 1553

for n = 92 the exponent is 1658

for n = 93 the exponent is 1677

for n = 94 the exponent is 1696

for n = 95 the exponent is 1715

for n = 96 the exponent is 1734

for n = 97 the exponent is 1845

for n = 98 the exponent is 1865

for n = 99 the exponent is 1885

for n = 100 the exponent is 1905

Process finished with exit code 0

Assumption is that in the last row (nth row ) the values are 1111111

Ex :

For n=7

**[[0 1 0 0 0 0 0]**

**[0 0 1 0 0 0 0]**

**[0 0 0 1 0 0 0]**

**[0 0 0 0 1 0 0]**

**[0 0 0 0 0 1 0]**

**[0 0 0 0 0 0 1]**

**[1 1 1 1 1 1 1]]**

for n = 7 the exponent is 7

for n = 8 the exponent is 10

for n = 9 the exponent is 12

for n = 10 the exponent is 14

for n = 11 the exponent is 16

for n = 12 the exponent is 18

for n = 13 the exponent is 20

for n = 14 the exponent is 30

for n = 15 the exponent is 33

for n = 16 the exponent is 36

for n = 17 the exponent is 39

for n = 18 the exponent is 42

for n = 19 the exponent is 45

for n = 20 the exponent is 62

for n = 21 the exponent is 66

for n = 22 the exponent is 70

for n = 23 the exponent is 74

for n = 24 the exponent is 78

for n = 25 the exponent is 82

for n = 26 the exponent is 106

for n = 27 the exponent is 111

for n = 28 the exponent is 116

for n = 29 the exponent is 121

for n = 30 the exponent is 126

for n = 31 the exponent is 131

for n = 32 the exponent is 162

for n = 33 the exponent is 168

for n = 34 the exponent is 174

for n = 35 the exponent is 180

for n = 36 the exponent is 186

for n = 37 the exponent is 192

for n = 38 the exponent is 230

for n = 39 the exponent is 237

for n = 40 the exponent is 244

for n = 41 the exponent is 251

for n = 42 the exponent is 258

for n = 43 the exponent is 265

for n = 44 the exponent is 310

for n = 45 the exponent is 318

for n = 46 the exponent is 326

for n = 47 the exponent is 334

for n = 48 the exponent is 342

for n = 49 the exponent is 350

for n = 50 the exponent is 402

for n = 51 the exponent is 411

for n = 52 the exponent is 420

for n = 53 the exponent is 429

for n = 54 the exponent is 438

for n = 55 the exponent is 447

for n = 56 the exponent is 506

for n = 57 the exponent is 516

for n = 58 the exponent is 526

for n = 59 the exponent is 536

for n = 60 the exponent is 546

for n = 61 the exponent is 556

for n = 62 the exponent is 622

for n = 63 the exponent is 633

for n = 64 the exponent is 644

for n = 65 the exponent is 655

for n = 66 the exponent is 666

for n = 67 the exponent is 677

for n = 68 the exponent is 750

for n = 69 the exponent is 762

for n = 70 the exponent is 774

for n = 71 the exponent is 786

for n = 72 the exponent is 798

for n = 73 the exponent is 810

for n = 74 the exponent is 890

for n = 75 the exponent is 903

for n = 76 the exponent is 916

for n = 77 the exponent is 929

for n = 78 the exponent is 942

for n = 79 the exponent is 955

for n = 80 the exponent is 1042

for n = 81 the exponent is 1056

for n = 82 the exponent is 1070

for n = 83 the exponent is 1084

for n = 84 the exponent is 1098

for n = 85 the exponent is 1112

for n = 86 the exponent is 1206

for n = 87 the exponent is 1221

for n = 88 the exponent is 1236

for n = 89 the exponent is 1251

for n = 90 the exponent is 1266

for n = 91 the exponent is 1281

for n = 92 the exponent is 1382

for n = 93 the exponent is 1398

for n = 94 the exponent is 1414

for n = 95 the exponent is 1430

for n = 96 the exponent is 1446

for n = 97 the exponent is 1462

for n = 98 the exponent is 1570

for n = 99 the exponent is 1587

for n = 100 the exponent is 1604

Process finished with exit code 0