> *# TTTTTTwin Research and Print Table by H.E 2011-7-11-13:00 start:# we found TTTTTTwin as followins:please enjoy this Twins LIST for ATCM2013 in India.*

> $h := 4 : c := 0$:**for** n **from** 1 **to** 3300000 **do** $e := 0$:**for** m **from** 1 **to** $h \cdot 2 - 1$ **by** 2 **do if** $ithprime(n + m - 1) + 2 \neq ithprime(n + m)$ **then break else** $e := e + 1$:**fi**:**od**: **if** $e = h$ **then** $c := c + 1 : print(h\ Tno = c, Pro = n, [seq([ithprime(n + 2 \cdot (j - 1)), ithprime(n + 2 \cdot (j - 1) + 1)], j = 1 ..h)])$ **fi**:**od**:

$4\ Tno = 1, Pro = 1165, [[9419, 9421], [9431, 9433], [9437, 9439], [9461, 9463]]$

$4\ Tno = 2, Pro = 6315, [[62969, 62971], [62981, 62983], [62987, 62989], [63029, 63031]]$

$4\ Tno = 3, Pro = 7147, [[72221, 72223], [72227, 72229], [72251, 72253], [72269, 72271]]$

$4\ Tno = 4, Pro = 33251, [[392261, 392263], [392267, 392269], [392279, 392281], [392297, 392299]]$

$4\ Tno = 5, Pro = 41197, [[495569, 495571], [495587, 495589], [495611, 495613], [495617, 495619]]$

$4\ Tno = 6, Pro = 53831, [[663569, 663571], [663581, 663583], [663587, 663589], [663599, 663601]]$

$4\ Tno = 7, Pro = 71968, [[909287, 909289], [909299, 909301], [909317, 909319], [909329, 909331]]$

$4\ Tno = 8, Pro = 71970, [[909299, 909301], [909317, 909319], [909329, 909331], [909341, 909343]]$

$4\ Tno = 9, Pro = 78967, [[1006301, 1006303], [1006307, 1006309], [1006331, 1006333], [1006337, 1006339]]$

$4\ Tno = 10, Pro = 88482, [[1138367, 1138369], [1138391, 1138393], [1138409, 1138411], [1138427, 1138429]]$

$4\ Tno = 11, Pro = 89976, [[1159187, 1159189], [1159199, 1159201], [1159229, 1159231], [1159241, 1159243]]$

$4\ Tno = 12, Pro = 91013, [[1173539, 1173541], [1173551, 1173553], [1173581, 1173583], [1173587, 1173589]]$

$4\ Tno = 13, Pro = 101588, [[1322147, 1322149], [1322159, 1322161], [1322171, 1322173], [1322177, 1322179]]$

$4\ Tno = 14, Pro = 158875, [[2144477, 2144479], [2144489, 2144491], [2144501, 2144503], [2144507, 2144509]]$

$4\ Tno = 15, Pro = 160536, [[2168651, 2168653], [2168657, 2168659], [2168669, 2168671], [2168687, 2168689]]$

$4\ Tno = 16, Pro = 183231, [[2502341, 2502343], [2502359, 2502361], [2502371, 2502373], [2502389, 2502391]]$

$4\ Tno = 17, Pro = 189647, [[2596619, 2596621], [2596637, 2596639], [2596661, 2596663], [2596667, 2596669]]$

$4\ Tno = 18, Pro = 189649, [[2596637, 2596639], [2596661, 2596663], [2596667, 2596669], [2596679, 2596681]]$

$4\ Tno = 19, Pro = 194496, [[2668217, 2668219], [2668229, 2668231], [2668241, 2668243], [2668247, 2668249]]$

$4\ Tno = 20, Pro = 218220, [[3020999, 3021001], [3021059, 3021061], [3021077, 3021079], [3021089, 3021091]]$

$4\ Tno = 21, Pro = 231278, [[3215711, 3215713], [3215741, 3215743], [3215747, 3215749], [3215759, 3215761]]$

$4\ Tno = 22, Pro = 261017, [[3664679, 3664681], [3664691, 3664693], [3664709,$

3664711], [3664721, 3664723]]

4 *Tno* = 23, *Pro* = 341380, [[4890857, 4890859], [4890869, 4890871], [4890887, 4890889], [4890911, 4890913]]

4 *Tno* = 24, *Pro* = 364543, [[5248079, 5248081], [5248091, 5248093], [5248097, 5248099], [5248127, 5248129]]

4 *Tno* = 25, *Pro* = 365425, [[5261699, 5261701], [5261717, 5261719], [5261741, 5261743], [5261747, 5261749]]

4 *Tno* = 26, *Pro* = 382832, [[5532269, 5532271], [5532281, 5532283], [5532311, 5532313], [5532341, 5532343]]

4 *Tno* = 27, *Pro* = 384719, [[5561597, 5561599], [5561627, 5561629], [5561639, 5561641], [5561657, 5561659]]

4 *Tno* = 28, *Pro* = 390498, [[5651729, 5651731], [5651741, 5651743], [5651747, 5651749], [5651771, 5651773]]

4 *Tno* = 29, *Pro* = 399181, [[5787317, 5787319], [5787347, 5787349], [5787371, 5787373], [5787389, 5787391]]

4 *Tno* = 30, *Pro* = 429250, [[6256727, 6256729], [6256739, 6256741], [6256751, 6256753], [6256769, 6256771]]

4 *Tno* = 31, *Pro* = 434880, [[6343847, 6343849], [6343859, 6343861], [6343877, 6343879], [6343901, 6343903]]

4 *Tno* = 32, *Pro* = 445412, [[6510191, 6510193], [6510197, 6510199], [6510209, 6510211], [6510221, 6510223]]

4 *Tno* = 33, *Pro* = 476493, [[6997607, 6997609], [6997619, 6997621], [6997631, 6997633], [6997649, 6997651]]

4 *Tno* = 34, *Pro* = 484857, [[7129217, 7129219], [7129229, 7129231], [7129247, 7129249], [7129259, 7129261]]

4 *Tno* = 35, *Pro* = 542780, [[8048057, 8048059], [8048069, 8048071], [8048081, 8048083], [8048099, 8048101]]

4 *Tno* = 36, *Pro* = 544284, [[8071517, 8071519], [8071601, 8071603], [8071619, 8071621], [8071631, 8071633]]

4 *Tno* = 37, *Pro* = 552708, [[8206139, 8206141], [8206169, 8206171], [8206181, 8206183], [8206199, 8206201]]

4 *Tno* = 38, *Pro* = 608098, [[9090689, 9090691], [9090701, 9090703], [9090749, 9090751], [9090791, 9090793]]

4 *Tno* = 39, *Pro* = 640961, [[9617981, 9617983], [9617987, 9617989], [9617999, 9618001], [9618017, 9618019]]

4 *Tno* = 40, *Pro* = 640963, [[9617987, 9617989], [9617999, 9618001], [9618017, 9618019], [9618041, 9618043]]

4 *Tno* = 41, *Pro* = 651653, [[9790379, 9790381], [9790397, 9790399], [9790409, 9790411], [9790421, 9790423]]

4 *Tno* = 42, *Pro* = 671196, [[10106321, 10106323], [10106357, 10106359], [10106387, 10106389], [10106399, 10106401]]

4 *Tno* = 43, *Pro* = 676248, [[10187909, 10187911], [10187921, 10187923], [10187927, 10187929], [10187939, 10187941]]

4 *Tno* = 44, *Pro* = 684201, [[10316849, 10316851], [10316879, 10316881], [10316897, 10316899], [10316987, 10316989]]

4 *Tno* = 45, *Pro* = 697507, [[10531061, 10531063], [10531067, 10531069], [10531091,

10531093], [10531097, 10531099]]

4 *Tno* = 46, *Pro* = 731425, [[11079329, 11079331], [11079347, 11079349], [11079371, 11079373], [11079377, 11079379]]

4 *Tno* = 47, *Pro* = 736067, [[11154959, 11154961], [11154989, 11154991], [11155049, 11155051], [11155061, 11155063]]

4 *Tno* = 48, *Pro* = 757017, [[11495579, 11495581], [11495591, 11495593], [11495597, 11495599], [11495609, 11495611]]

4 *Tno* = 49, *Pro* = 770966, [[11721767, 11721769], [11721779, 11721781], [11721791, 11721793], [11721797, 11721799]]

4 *Tno* = 50, *Pro* = 775806, [[11800487, 11800489], [11800517, 11800519], [11800559, 11800561], [11800571, 11800573]]

Warning, computation interrupted

> $h := 5 : c := 0$:**for** n **from** 1 **to** 3300000 **do** $e := 0$:**for** m **from** 1 **to** $h \cdot 2 - 1$ **by** 2 **do** **if** *ithprime*$(n + m - 1) + 2 \neq$ *ithprime*$(n + m)$ **then break else** $e := e + 1$:**fi:od**: **if** $e = h$ **then** $c := c + 1 : print(h \, Tno = c, Pro = n, [seq([ithprime(n + 2 \cdot (j - 1)), ithprime(n + 2 \cdot (j - 1) + 1)], j = 1 ..h)])$ **fi:od**:

5 *Tno* = 1, *Pro* = 71968, [[909287, 909289], [909299, 909301], [909317, 909319], [909329, 909331], [909341, 909343]]

5 *Tno* = 2, *Pro* = 189647, [[2596619, 2596621], [2596637, 2596639], [2596661, 2596663], [2596667, 2596669], [2596679, 2596681]]

5 *Tno* = 3, *Pro* = 640961, [[9617981, 9617983], [9617987, 9617989], [9617999, 9618001], [9618017, 9618019], [9618041, 9618043]]

5 *Tno* = 4, *Pro* = 826550, [[12628337, 12628339], [12628349, 12628351], [12628379, 12628381], [12628391, 12628393], [12628409, 12628411]]

5 *Tno* = 5, *Pro* = 1203507, [[18873497, 18873499], [18873509, 18873511], [18873521, 18873523], [18873527, 18873529], [18873539, 18873541]]

5 *Tno* = 6, *Pro* = 1364290, [[21579629, 21579631], [21579641, 21579643], [21579659, 21579661], [21579671, 21579673], [21579707, 21579709]]

Warning, computation interrupted

> $h := 6 : c := 0$:**for** n **from** 1 **to** 3300000 **do** $e := 0$:**for** m **from** 1 **to** $h \cdot 2 - 1$ **by** 2 **do** **if** *ithprime*$(n + m - 1) + 2 \neq$ *ithprime*$(n + m)$ **then break else** $e := e + 1$:**fi:od**: **if** $e = h$ **then** $c := c + 1 : print(h \, Tno = c, Pro = n, [seq([ithprime(n + 2 \cdot (j - 1)), ithprime(n + 2 \cdot (j - 1) + 1)], j = 1 ..h)])$ **fi:od**:

Warning, computation interrupted

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