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> # Prime Prime by H.E 2018-8-28:
> ps := 0 : for h from 1 to 100 do ps := ps + ithprime(h) : if isprime(ps) and h mod 10 ≠ 0
  then for j from 1 to floor(h/10) do print(Primesum(sum(ithprime(i)[i], i = 10*j-9 .. 10*j))) :od:
  print(PSUM(sum(ithprime(i)[i], i = 10*floor(h/10)+1 .. h) = Prime(ps[h])) : print( ) :
  elif isprime(ps) and h mod 10 = 0 then for j from 1 to floor(h/10) - 1 do J := 10*j :
  print(Primesum(sum(ithprime(i)[i], i = J-9 .. J))) :od: print(PSUM(sum(ithprime(i)[i], i = h-9 .. h)
  = Prime(ps[h])) : print( ) fi :od:
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$$PSUM_{2_1} = Prime(2_1)$$

$$PSUM_{2_1+3_2} = Prime(5_2)$$

$$PSUM_{2_1+3_2+5_3+7_4} = Prime(17_4)$$

$$PSUM_{2_1+3_2+5_3+7_4+11_5+13_6} = Prime(41_6)$$

$$Primesum_{2_1+3_2+5_3+7_4+11_5+13_6+17_7+19_8+23_9+29_{10}}$$
$$PSUM_{31_{11}+37_{12}} = Prime(197_{12})$$

$$Primesum_{2_1+3_2+5_3+7_4+11_5+13_6+17_7+19_8+23_9+29_{10}}$$
$$PSUM_{31_{11}+37_{12}+41_{13}+43_{14}} = Prime(281_{14})$$

$$Primesum_{2_1+3_2+5_3+7_4+11_5+13_6+17_7+19_8+23_9+29_{10}}$$
$$Primesum_{31_{11}+37_{12}+41_{13}+43_{14}+47_{15}+53_{16}+59_{17}+61_{18}+67_{19}+71_{20}}$$
$$Primesum_{73_{21}+79_{22}+83_{23}+89_{24}+97_{25}+101_{26}+103_{27}+107_{28}+109_{29}+113_{30}}$$
$$Primesum_{127_{31}+131_{32}+137_{33}+139_{34}+149_{35}+151_{36}+157_{37}+163_{38}+167_{39}+173_{40}}$$
$$Primesum_{179_{41}+181_{42}+191_{43}+193_{44}+197_{45}+199_{46}+211_{47}+223_{48}+227_{49}+229_{50}}$$
$$PSUM_{233_{51}+239_{52}+241_{53}+251_{54}+257_{55}+263_{56}+269_{57}+271_{58}+277_{59}+281_{60}} = Prime(7699_{60})$$

$$Primesum_{2}{}_{1} + 3_{2} + 5_{3} + 7_{4} + 11_{5} + 13_{6} + 17_{7} + 19_{8} + 23_{9} + 29_{10}$$

$$Primesum_{31}{}_{11} + 37_{12} + 41_{13} + 43_{14} + 47_{15} + 53_{16} + 59_{17} + 61_{18} + 67_{19} + 71_{20}$$

$$Primesum_{73}{}_{21} + 79_{22} + 83_{23} + 89_{24} + 97_{25} + 101_{26} + 103_{27} + 107_{28} + 109_{29} + 113_{30}$$

$$Primesum_{127}{}_{31} + 131_{32} + 137_{33} + 139_{34} + 149_{35} + 151_{36} + 157_{37} + 163_{38} + 167_{39} + 173_{40}$$

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$$Primesum_{233}{}_{51} + 239_{52} + 241_{53} + 251_{54} + 257_{55} + 263_{56} + 269_{57} + 271_{58} + 277_{59} + 281_{60}$$

$$PSUM_{283}{}_{61} + 293_{62} + 307_{63} + 311_{64} = Prime\left(8893_{64}\right)$$

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$$Primesum_{283}{}_{61} + 293_{62} + 307_{63} + 311_{64} + 313_{65} + 317_{66} + 331_{67} + 337_{68} + 347_{69} + 349_{70}$$

$$Primesum_{353}{}_{71} + 359_{72} + 367_{73} + 373_{74} + 379_{75} + 383_{76} + 389_{77} + 397_{78} + 401_{79} + 409_{80}$$

$$Primesum_{419}{}_{81} + 421_{82} + 431_{83} + 433_{84} + 439_{85} + 443_{86} + 449_{87} + 457_{88} + 461_{89} + 463_{90}$$

$$PSUM_{467}{}_{91} + 479_{92} + 487_{93} + 491_{94} + 499_{95} + 503_{96} = Prime\left(22039_{96}\right)$$

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$$PSUM_{467_{91}} + 479_{92} + 487_{93} + 491_{94} + 499_{95} + 503_{96} + 509_{97} + 521_{98} + 523_{99} + 541_{100} = Prime\left(24133_{100}\right) \quad (1)$$

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