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> #  $\prod_{i=1}^h (i + 1) - 1 = \text{prime}$  by  $H \cdot E' 20 - 11 - 7$  :
>  $c := 0$  :for  $h$  from 1 to 100 do if  $\text{isprime} \left( \left( \prod_{i=1}^h (i + 1) \right) - 1 \right)$  then print  $\left( \text{PRIME}[H \right.$ 
  •  $E][\{h\}] = \left( \prod_{i=1}^h (i + 1) \right) - 1$  fi:od:
       $(\text{PRIME}_{H \cdot E})_{\{2\}} = 5$ 
       $(\text{PRIME}_{H \cdot E})_{\{3\}} = 23$ 
       $(\text{PRIME}_{H \cdot E})_{\{5\}} = 719$ 
       $(\text{PRIME}_{H \cdot E})_{\{6\}} = 5039$ 
       $(\text{PRIME}_{H \cdot E})_{\{11\}} = 479001599$ 
       $(\text{PRIME}_{H \cdot E})_{\{13\}} = 87178291199$ 
       $(\text{PRIME}_{H \cdot E})_{\{29\}} = 265252859812191058636308479999999$ 
       $(\text{PRIME}_{H \cdot E})_{\{31\}} = 263130836933693530167218012159999999$ 
       $(\text{PRIME}_{H \cdot E})_{\{32\}} = 8683317618811886495518194401279999999$ 
       $(\text{PRIME}_{H \cdot E})_{\{37\}} = 523022617466601111760007224100074291199999999$ 
 $(\text{PRIME}_{H \cdot E})_{\{93\}}$ 
      = 108736615665674308027365285256786601004186803580182872307497374434045\
      19986941792763022910921458341545856086565120238534053068799999999999999\
      9999999

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(1)