1) a) n= n n=7 h(b)= (n.b) 1.m OCHAINING 0123456789101112131415161718192021222324 ABC O DEF 6 H I) K L M N O P R S J T V V Z Z p: (11.16)7.7.1 APD TO E 0. (11.15)7.7=4 0: (11.41%)=2 A: (11.0);7=0 7: (11.70)/,7:3 E: (11.5)% 7=6 K: (17.11) 7.7=2 > V PRILOGI NA MANCO c) h = k/n h = [k]/m ELE= 7, 9,72, 11, 3,77, 1,23,10,8 the hz PORAZVNAMO 11 17 12 哪 >> 12 11 77 0 17 10

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12

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17

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8 3 1

SUE

DRU

```
def getPrimes(n):
2
         primes = [2 ,3 ,5 ,7 ,11 ,13 ,17 ,19]
3
         for i in range (20 ,n):
 4
             for j in range(2, i -1):
 5
                 if i % j == 0:
6
                     break
7
             else:
8
                 primes.append(i)
9
         return primes
10
11
    def get():
         elements = [16, 15, 4, 0, 20, 5, 11]
12
13
         for m in range (7, 24):
14
             for p in getPrimes(1000):
15
                 tempArray = [None] * m
16
                 broke = False
17
                 for k in elements:
18
                     index = (p * k) % m
19
                     if (tempArray[index] is None):
20
                          tempArray[index] = k
21
                     else:
22
                         broke = True
23
                         break
                 if not broke:
24
25
                     print(str(m) + " " + str(p))
26
                     return
27
28
    get()
     ## VRNE m = 13, p = 2
29
```