```
^{	ext{CS3S4}}_{	ext{trace}} P4B Worksheet: For given cach config, determine hits (H) and misses (M) for each instruction in the
     csim-ref [-hv] -s <s> -E <E> -b <b> -t <tracefile>
    h: Optional help flag that prints usage info
v: Optional verbose flag that displays trace info
s (ss: Number of s bits for set index
E <E>: number of lines per set (associativity)
b (h): Number of h bits for block offsets
                                                                    black #
     -b <b>: Number of b bits for block offsets
    Operation address, size
                                                                                     0600
     L 0,1
              0000
                           0 1 000 0 H 6 [101]
     L 1,1
                                                                 4
     L 2,1
                         H 1 1000 F)
               0019
                                       0 HC [104
     L 3,1
               1100
                                          Hollin
                          H2 100101
               0/00
     5 4,1
               1010
                         4 3 6011
                                          H 6 MIO)
     L 5,1
                         H 4 10109
     5 6,1
              (1/10
                                          HFILL
     L 7,1
                         4 5 [010]
     S 8,1
               1000
     L 9,1
               1001
                         H 6 [01 10
              1010
    S a,1
              1101
                         H 7 [011]
    L b,1
                         H 8 LIDUS
    S c,1
              1100
              1101
    L d,1
                         H 9 TOUR
    S e,1
              1110
                          H 9 [010]
    M f,1
              1111
   ./csim -s 4 -E 1 -b 4 -t traces/trace2
                                                          0×10 10001 0001 0000
             OULD DIVO
                          No H MOLLDOAD > COUNTONE
   M 20,1
             0000 000
   L 22,1
                                                          0x310 poto o an ong
                            0x37 POUN longt
   5 18,1
             0001 (vag
             0000 1000 1000
                                                          oriz (au) ayo
   L 110,1
   L 210,1 0010 ONN OOND A/8 boot food M
   M 12,1
             doul outo
  ./csim -s 2 -E 3 -b 3 -t traces/trace3
           Ox18 canal troop 14
   5 18,4
  L 20,4
           M MILOND OCKO
  5 28,4
             oxygone touth
  5 50,4
 ./csim -s 3 -E 4 -b 5 -t traces/trace4 (this only partical list of trace4)
  S 00600aa0,1 M
 I 004005b6,5
  S 7ff000398,8 4
I 0040051e,1
 S 7ff000390,8 (\)
I 0040051f,3 4
I 00400522,4
 5 7ff000378,8 H
I 00400526,4
 5 7ff000370,8 M
I 0040052a,7
 S 7ff000384,4 (4
I 00400531,2
I 00400581,4
L 7ff000384,4 4
```

