---- Problem 1

d a d b b

a c b c a

---- Problem 2 // textbook 2.52

15/16 0110 111 15/16

31/2 1011 000 16

1/64 0001 000 1/64

111 0000 无穷大 1011 000

---- Problem 3

A. 7

B. 0x80485d0

C. buf[0] = 0x 33 32 31 30

buf[1] = 0x 37 36 35 34

buf[4] = 0x ff ff d3 a0

buf[5] = 0x 08 04 83 fc

D. 0x 08 04 83 fc

E. No. Although the length of string “0123456789” (11 bytes) is larger than buffer length (8 bytes),

no useful info is changed.

---- Problem 4

M=15

N=9

---- Problem 5

3 2 1 1 2

---- Problem 6

A.

dst array src array

col 0 col 1 col 0 col 1

row 0 m h row 0 m m

row 1 m m row 1 m m

B.

dst array src array

col 0 col 1 col 0 col 1

row 0 m h row 0 m h

row 1 m h row 1 m h

---- Problem 7 todo: pointer add

a=1, b=200, c=3, a=0x400, c=0x1000

---- Problem 8

Y N Y Y N

---- Problem 9

1. Read from virtual address 0x7bcd8001:

a. Physical address of PDE: \_0x0c23b7bc\_

b. Physical address of PTE: \_\_\_\_\_\_\_\_\_\_\_

c. The physical address accessed is \_Failure\_

2. Read from virtual address 0x04002abc:

a. Physical address of PDE: \_0x0c23b040\_

b. Physical address of PTE: \_0x00055008\_

c. The physical address accessed is \_0x457bdabc\_