

## Homework 8

Friday, December 10, 2021 5:49 PM

Q 1)  $-23$  in packed decimal = 1101 0000 0010 0011

$$1101 = -$$

0000 = needed space for segments of 8 bits

$$0010 = 2$$

$$0011 = 3$$

1101 0000 0010 0011 in hex notation is D025

$-23_{10}$  is D23 in the hexadecimal notation for packed decimal format

Q 2) a) 0111 0011 0000 1001 = 7309

b) 0101 1000 0010 = 582

not valid, must be grouped by 8-bits

c) 0100 1010 0110 = 4106

not valid, must be grouped by 8-bits