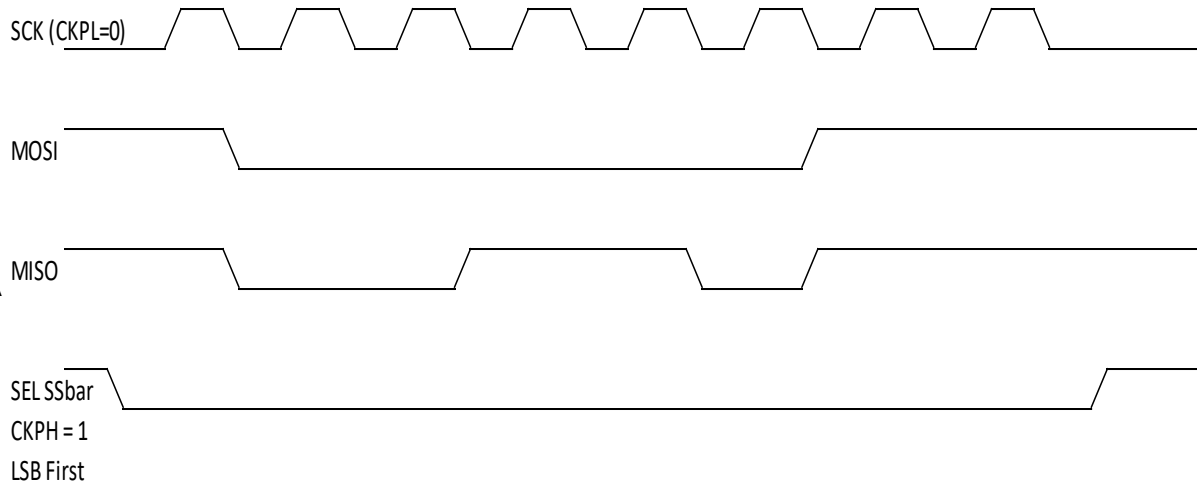# EE 2905
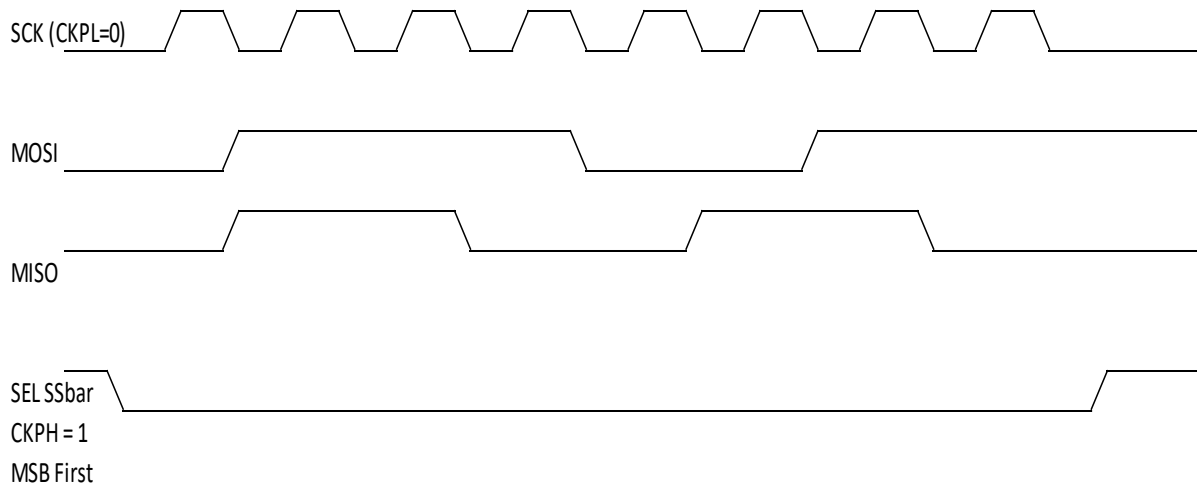
Dr. Johnson

Homework 11

1) What value is contained in the master and slave registers after a successful SPI transmission – 2 problems A,B   40pts

A

SCK (CKPL=0)

MOSI

MISO

SEL SSbar
CKPH = 1
LSB First

Master:

Slave:

HEX

B

SCK (CKPL=0)

MOSI

MISO

SEL SSbar
CKPH = 1
MSB First

Master:

Slave:

HEX

2) Write a snippit of code to setup the SPI in the problem 1B mode with a 100KHz baud rate   30pts

3) Write a function to continuously output to the SPI an 8 bit counter variable every 10ms   30pts