Score: Name:		
ECE 3055 Quiz III, Wednesda: The instruction, sub \$2, \$4, \$6 is assembled us executed on the MIPS single clock cycle data summarized in Figure 4.17 of the textbook. Assur register number prior to execution and all data me addressable) memory address of the first byte of the following control signals and buses.	sing standard MIPS/SPIM syntax tapath described in Section 4.4 me the registers are all loaded with emory words are loaded with the (he 32-bit word. Fill in the values of	and the byte f the
MIPS Datapath bus values	in hexadecimal)
000000 odilog dalio, 2001		
Instruction Bus = Ox COS G 102		
Register file Read Register Bus $1 = \frac{C\chi O 4}{}$	(5 b its!)	
Register file Read Data Bus $2 = 0 \times 00000$	1006	Baak
ALU Result Bus = $0 \times FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF$	1β1.	each
Register File Write Data Bus = $O \times FFFFF$	FFE	
MIPS Control Signals	s in Binary	
RegWrite =		
ALUSrc = O		
$MemtoReg = \underline{O}$		
ALU Op (two-bits) = $\int \mathcal{O}$		
ALU control (four bits) = $O \cup O$		