

CSCI 341: Computer Organization  
WS4: Memory Access Instructions

1	<p>Consider an array A of integers, whose base address is 2000, which is stored in s3. g is stored in s1, h is in s2. Consider the instruction:</p> $A[9] = g + h;$ <p>What assembly will this result in, in the compiled code?</p>
2	<p>B is a character array. Assume the base address for B is in s4. What is the assembly for <math>B[3] = B[3] + 32</math> ?</p> <p>Hint, use these steps:</p> <ul style="list-style-type: none"><li>• Load B[3]</li><li>• Add</li><li>• Store to B[3]</li></ul>