CSE 3038 COMPUTER ORGANIZATION HOMEWORK #1

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1) s11 \$ 56,\$56,2;\$56 equals 44; add \$87,\$6 \$55;\$8 equals 1+45; addi\$55,\$55,3 ;\$55 equals i+3 add \$50, \$50, \$57;\$50 equals address of A+ 1+64 add \$51, \$51, \$55; \$51 equals address of B+ i+3 1w \$57,0(\$50) sw \$57,0(\$51) 2) Big Endian Little Endian 2e 0 ca bd 1+ 1+ bd 20 3) 511 \$63 \$53,2 5\$53 equals 1*4 511 \$54, \$54, 2 ; \$54 equals 1*40 add \$47 \$53, \$56; \$+# equals 1+jaclol \$ +0 8 7, 2; \$+0 equals 1+3-2 add \$ 10 \$ 0,56 ,010 equals address of A+ i+j-2 1w \$10,0(\$+0); load word to \$10 sub \$ +1,553,554; \$+1 equals 1-0 addi \$+1,41,1; \$+1 equals 1-j+1 add \$+1,\$+1,\$56;\$+1 equals address of A+i-j+1 Iw \$+1,0(\$+1); load word to \$+1 add \$+2,\$t0,\$+1; \$+2 equals A[i+j-2] + A[i-j+1] addi \$+7,\$+7,1; \$+7 equals i+j+1 add \$+7,\$+7,\$57; \$+7 equals address of B+1+j+1 (continued x)



