Quiz 3: VLIW

Due Oct 3 at 11:59pm

Points 5

Question 4

lw \$1, 0(\$2)

finish the following code with the best scheduling?

Questions 5

Available after Sep 29 at 12am

Time Limit None

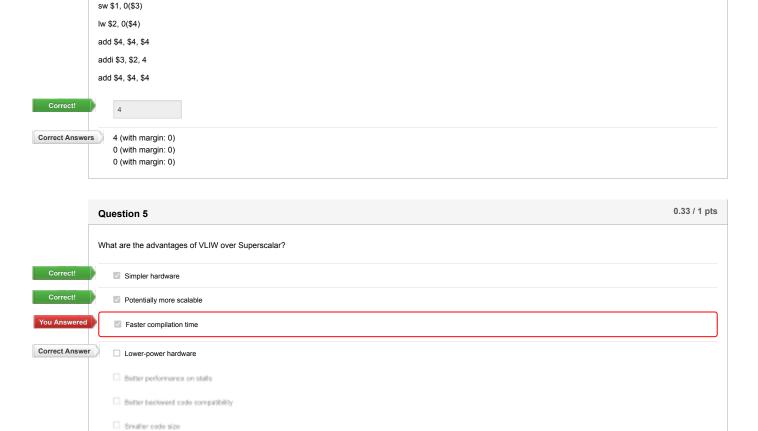
Allowed Attempts 3

1 / 1 pts

Take the Quiz Again

| | Attempt | Time | Score |
|--------------------------------------|---|--------------------|---------------|
| • | Attempt 1 | 4 minutes | 2.67 out of 5 |
| | | | |
| for this attempt tted Sep 29 at 4 | | | |
| ttempt took 4 m | | | |
| | | | 4.14.040 |
| | Question 1 | | 1 / 1 pts |
| | What is the ILP of the following code? | | |
| | | | |
| | add \$1, \$2, \$3 | | |
| | add \$2, \$1, \$3 | | |
| | sub \$4, \$4, \$5 | | |
| | add \$6, \$4, \$5 | | |
| | addi \$7, \$6, 1 | | |
| Correct! | | | |
| | | | |
| | ○ 35 | | |
| | ○ 6/2 | | |
| | ○ 25 | | |
| | | | |
| | | | |
| | | | 0.33 / 1 pts |
| | Question 2 | | 0.00 / 1 pts |
| | Match what dependence each code has. | | |
| | | | |
| You Answered | a = 3; b = a; | WAR | V |
| | | | |
| | | Correct Answer RAW | |
| | | COTTECT Allswei | |
| You Answered | a += 1; | RAW | Ĵ |
| | | 15.00 | |
| | | | |
| | | Correct Answer WAR | |
| Correct! | 2 - 3: 2 - 4: | | |
| Correct: | a = 3; a = 4; | WAW | • |
| | | | |
| | | | |
| | | | 0 / 1 pts |
| | Question 3 | | 0 / 1 pts |
| | Which of the following dependence cannot be resol | ved by renaming? | |
| | willion of the following dependence cannot be reson | ved by renaming: | |
| Correct Answ | r O RAW | | |
| Vou Anowere | | | |
| You Answered | ● WAR | | |
| | I. | | |

Consider a 2-issue VLIW processor we learned in class which can run 1 ALU and 1 memory op together. Assume load-use has to stall 1 cycle. How many cycle is needed to



Quiz Score: 2.67 out of 5