CS61 Lecture 7 September 24,2019 Machin, Assembly language librants compiler assemble f.cc -S'-02 hvman-vzadabli objetump assembly objetump -t NOT a.out strings IDENTICAL debugger/gdb loadr 1. Data manipulations machiness memory 2. Data movement (assignment) 3. (ontro) Flow (eg. if statements) Assembly wde _ is an assembler direct, not part of . file "foo.cc" HXX p ng yam & -ZIFV · 910b1 -71fv, Ofunction (ZIFV:) -> label XOrb / . eax, y . eax LFBO: mov1 \$100, 1. tax sqo, 1qo vox & rep ret return some / dest . LFEO:

_ 21fV, .-_ 31fV

· Sizt

· indent

· Stition

OP 2 = OP 2 1 OP 1



