In the above code, (20%) what is the "address" that value represents, (20%) and how the address is moved to the register $8?

Answers: What the value represents (extracted from 0x3c011001 and 0x34280000) is 0x10010000, and the address is moved to register $8 through the two instructions, lui $1, 4097 and ori $8, $1, 0.

In the above code, (40%) after the code at 0x00400034 is executed, what is in PC and $ra, and (20%) what is the purpose of the code at 0x00400060 jr $31?

Answers: PC = 0x00400044 and $ra = 0x00400038. The purpose of the code at 0x00400060 jr $31 is to jump back to the caller (to the address pointed by $ra=$31).