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| Opcode | | Description |
| Binary | Mnemonic |
| 0000 | Halt | Terminate the program. |
| 0010 | Load X | Load the contents of address X into AC. |
| 0011 | Store X | Store the contents of AC to address X. |
| 0100 | Subt X | Subtract the contents of address X from AC and store the result in AC. |
| 0101 | Add X | Add the contents of address X to AC and store the result in AC. |
| 1000 | Input | Input a value from the keyboard into AC. |
| 1001 | Output | Output the value in AC to the display. |
| 0110 | Skipcond | Skip the next instruction on condition. |
| 0111 | Jump X | Load the value of X into PC. |
| 1010 | Load C | Load the constant value of the operand in the accumulator |
| 1011 | AND | Perform AND operation on value in AC and value from memory address X |
| 1100 | OR | Perform OR operation on value in AC and value from memory address X |

Skipcond will jump to the next instruction if the value in the AC is equal to 0.