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| High Level Language  | Assembly Language  | Machine Language  |
| Compiler (or interpreter) converts to machine language  | Assembler converts to machine language | Directly understood by a computer  |
| 1 High level language instruction = many machine language instructions  | 1 assembly language instruction= 1 machine language instruction  |  |
| Standard (I.e programs are independent of the machine on which they are executed)  | Not Standard ( I.e different assembly language for each type of machine)  | Not Standard ( I.e different assembly language for each type of machine)  |