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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) |