

Figure : Software dependency on hardware

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Class 2 :

**homework :**

1) What is open source software ?; what do we mean by free software ? (we need to have a clear concept src : others and youtube) ?

2) We should start giving keyboard type test (at least 40 word/min )

3) What is a programming language ? Why is python popular ?

4) At least we should complete reading up to :   
https://www.tutorialspoint.com/python/python\_matchcase\_statement.htm

(basic english + mathematical expression + control flow + some built in f() )

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Data type (in programming language) :

1. String / char type *(alphabet ; alphabet+numerical = alphanumerical )*
2. Integer / Int (2.5, 99)
3. Float ( number with decimal point ) ( 2.5, 6.87 )
4. Boolean

Casting : force to change/update the data type from one to another