C:

1. C is mainly used for hardware related applications.
2. Follows an imperative programming model.
3. Pointers available in C.
4. C is compiled.
5. A limited number of built-in functions.
6. Code execution is faster than python.
7. Implementing data structures required its functions to be explicitly implemented.
8. It is compulsory to declare the variable type in C.
9. C program syntax is harder than python.
10. In line, an assignment is allowed.

Python:

1. Python is general purpose programming language.
2. Follows object-oriented programming language
3. No pointers functionality available.
4. Python is interpreted.
5. Large library of built-in functions.
6. Slower compared to C as python has garbage collection.