

E) Find 3 differences between a compiler and an interpreter?

interpreter	compiler
Converts code to executable file <b>every time</b> code is requested	Converts code to a <b>one-time</b> executable file
Take <b>less time</b> in code analysis and check the time spent	It takes a <b>long time</b> to examine and analyze code conversion
Implementing programs is <b>slower</b>	Implementing programs is <b>fast</b>

F) Find the difference between Python 2 and 3?

Python 3	Python 2
Began its implementation <b>2008</b>	Began its implementation <b>1989</b>
Print <b>should right in ()</b> win you print	Print <b>without ()</b>
Returns an integer to the nearest integer	Numbers after decimal points in integers result in word splitting
Store strings as <b>Unicode</b>	<b>ASCII</b> characters are used

G) What is ASCII and UTF-8?

ASCII: Is a set of symbols and a coding system based on the Latin alphabet as used in English.

UTF-8: bit Unicode conversion format8, the standard Unicode standard represents most of the world's languages.