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

	How it's Work ??	Who's Faster ??	Finding Error	Like :-
Interpreter	Translates program	It takes less	Continues translating the	Python,
	one statement at a time	amount of time to	program until the first	Ruby
		analyze the source	error is met, in which	
		code but the	case it stops. Hence	
		overall execution	debugging is easy.	
		time is slower.		
Compiler	Scans the entire	It takes large	It generates the error	C, C++
	program and translates	amount of time to	message only after	
	it as a whole into	analyze the source	scanning the whole	
	machine code	code but the	program. Hence	
		overall execution	debugging is	
		time is	comparatively hard.	
		comparatively		
		faster.		

F) Find the difference between Python 2 and 3?

Diffrences	Python 2	Python 3	
The print function	print	print()	
Integer division	3/2 = 1	3 / 2 = 1.5	
Unicode	ASCII str() types,	Unicode (utf-8) strings,	
	separate unicode(),	2 byte Classes	
	no byte type	: byte and bytearray	
xrange	xrange()	range()	
Handling exceptions	except NameError, err:	except NameError as	
		err:	

G) What is ASCII and UTF-8?

ASCII : ASCII (American Standard Code for Information Interchange) is the most common format for text files in computers and on the Internet. In an ASCII file, each alphabetic, numeric, or special character is represented with a 7-bit binary number (a string of seven 0s or 1s). 128 possible characters are defined.

UTF-8: is a method for encoding Unicode characters using 8-bit sequences.