

CSC 361
Homework 6
DOUBLE VALUE

Below is a list of MANY (209) programming languages. **Pick two.** Using a word processor (single space, 12 point New Times Roman, 1" margins) write a description each of the two languages.

That description must include the following information in THIS format:

1. **History (Origins, previous and current usage, and so forth) (This is important!)**
2. **Type of Programming Language (may be more than one): Structures, Object-oriented, logic, functional, operating system scripting, database, Internet scripting, etc.**
3. **Data types (atomic types and structured types); type checking, scoping, and so forth**
4. **Looping**
5. **Conditional structures**
6. **Subprograms (functions and procedures)**
7. **Input/Output capabilities**
8. **Provide a list of URLs to all information about the language that you used.**

NOTE: Some of the languages may not have these capabilities. If so, state this and why, if you can.

Of the languages you choose, you may not get credit for languages that are direct derivatives of one another (like C and C++ and LISP and XLISP) or are similar scripting languages where the syntax is nearly identical. If you choose a scripting language do not do two that supports the

same operating systems (like Bourne Shell and C-Shell). You must not pick a language that we have discussed in class or a derivative of that language unless that derivative is significantly different: Ada, C, C#, Java, Pascal, FORTRAN, BASIC, MODULA-2

For those of you who would at least like to see some of these languages: where the output is "99 Bottles of Beer on the Wall" <http://www.99-bottles-of-beer.net/>

Languages:

A+	ABC	Abundance	ADL	AL	Amanda	AML
APL	Apple Script	ASP	Aspect	AWK	Befdc	Befunge
Beta	Blank	Bliss	Bobo	Bourne Shell	Boxer Macro	Brainf
BS	C-Shell	CAML	CAL	calc	CDC NOS CLL	CL
Chill	CLIPS	CLIST	CLOS	CLU	CorVu	ColdFusion
Clean	CUPL	DAL	dBaseIII	dc	DECTPU	Delphi
Dialog System	DIBOL	BOS batch	Draco	DSSP	Dylan	E
Eiffel	Erlang	Excel	EXEC	Expect	Express	False
FileMaker Pro	Focal	Focus	Forms	Foxpro/Xbase	Gofer	GrASP
hackMongo	Haskell	Hope	Hyper Talk	Icon	IDL	ILE AS/400
Inform	INTERCAL	IRC II	ISM/SML	ITCL	Jam	K
Kermit Script	KidSim	Korn Shell	KUIP	Labview	Lakota	Leda
LIFE	Limbo	Lingo	Logo	LPC	Luck	M-Speak
M4	M5	Mac Wordperfect	MAGIC/L	Magma	Make	Maple
Mark IV	MATLAB	Mathematica	Mercury	Miranda	Microsoft Word	ML
Model 204	MOO	Mops	MPTMON	Mumps	Natural	Navel
NEWLIB	NewtonScript	NIAL	nroff	Oberon	Occam	OCL
OPL	Orthogonal	PAL	Perl	PH/FI	Pilot	PLEX
PL/I or PL/I	PL/M-80	POP	Posix	POV-Ray	Postscript	Prolog
Paragraph	Progress	PV-Wave	Python	Rapid	rc	REXX
PRG/400	SAS	SAUL	Sather	Sed	Sendmail	SETL
Silk	Simscrip	Simula	Sisal	Smalltalk	SML	SNOBOL
SPITBOL	SPSS	SQL	SR	Superbase SBL	SuperTalk	Surf
TCL	TECO	Terse	troff	TeX/LaTeX	TinTin	Tiny Fugue
Turing	Turing Machine	Trac	Trumpet	Unix DC	VAX DCL	ultraMacros
usertalk	Verilog	VHDL	vi	VICC	VIM	Vscript
Word Basic	YACC	Yorick	zsh	4DOS Batch	4Test	