

1.Show all the languages older than the year 2000.

created(Language, Year), Year < 2000.		
Language	Year	
fortran1	1956	1
lisp	1958	2
cobol	1959	3
algol60	1960	4
pl1	1964	5
pascal	1970	6
ml	1973	7
smalltalk	1976	8
ada	1983	9
cpp	1985	10
scheme	1985	11
tcl	1988	12
commonlisp	1984	13
fortran77	1977	14
smalltalk80	1980	15
c_kr	1978	16
ada83	1983	17
perl	1987	18
eiffel	1985	19
perl5	1994	20
python	1990	21
ruby	1995	22
fortran90	1991	23
haskell98	1998	24
java	1995	25
javascript	1995	26
cpp_iso	1998	27
camll	1985	28
sml	1983	29
scheme_r5rs	1998	30
ocaml	1996	31

2. Show all the ancestors of C++

ancestor(Language, cpp).	
Language	
algol60	1
c_kr	2
fortran1	3
fortran1	4

3. Show all the siblings of C++.

sibling(cpp, Language).	
Language	
tcl	1
c_kr	2
smalltalk	3
perl	4
scheme	5
pl/1	6
python	7

4. Show all the cousins of C++.

cousins_of_cpp(Result).	
Result	
[ada83, algol60, c_kr, commonlisp, cpp_iso, csharp, csharp2, csharp5, eiffel, fortran77, fortran90, go, java, java5, java8, javascript, javascript_es2017, kotlin, pascal, perl, perl5, python, python2, ruby, rust, scheme, scheme_r5rs, smalltalk, smalltalk80, swift, tcl, pl/1]	1

5. Is Rust related to Common Lisp? If so, how?



```
(ancestor(rust, commonlisp) ; ancestor(commonlisp, rust)).
```

false

6. Is Swift a descendant of Lisp?



```
descendant(swift, lisp).
```

true