

Sheet1

	example	atomic/1	compound/1	compound_name_arity/3	functor/3	=../2 (univ)
atomic	foo	true	false	ERROR: Type error	functor(foo,foo,0).	foo =.. [foo]
arity 0	foo()	false	true	compound_name_arity(foo(),foo,0).	ERROR: Domain error	ERROR: Domain error
arity 1	foo(1)	false	true	compound_name_arity(foo(1),foo,1).	functor(foo(1),foo,1).	foo(1) =.. [foo,1]

Approach:  
 1) Check whether compound with compound/1  
 2) Disassemble with compound\_name\_arity/3