	29/12/23 classmate Page
	Dale Page 1
	Lab pologeram - 6
	Lab program - 6 Knowledge base entailment
	edlgoeathm
	Step 1: Tokenigation:
	Tokerize both sentence 1' and
	"sentence 2" into individual agolds,
P	Tokenize both sentence 1' and sentence 2' into individual asolds, consedering punctuation and whitespaces
	ateh 2: Normaligation:
	Consert all words to lowe ! Case to mate, the comparison case - insenstille
`	<u>'</u>
`	Step 3: Comparison:
	Initialize a boolean pariable, entailment Holds to Irue.
	entailment Holds to drue.
	srep: End:
-	
7.0	End of algorithm.
· 	code.
	From sympy.logic.boolalg import Tomplies,
	from sympy also emport p, g

class (hopositional fonduleds) def _ init _ Geld): sela hinocologia base, soli def add_statement (seys, statingent): section query simplify in web. underloady hb = Proposition hinocolodge Base () hb.add -state mont (Implies (p, q)))
hb.add - statement (Not (q)) query 1 = P ocesult 1 = kb. check_entailment (query) the knowledge base? E north of office of in)? print (for does « Equery 2 1° dogically dollow from Output does p' dogically follow forom the fundulates who edge base thate.