```
__/__/__
                    Arfath Kabis 18M18CS130
         2)
             Vaniable = { 's' : 0, T' : 1}

Priority - $ 'n' : 3 'v' : 1 'd: 2}
4
              dej-coal (1, val 1, val 2) 1
               selving val 2 and val 1
               selvoy valz ar valt
              dy is operand (1):
                  Reliting C. is applied () and (1 = (v)
                dy is left Para theris (c):
                   return ( = = 1 (1
                def is Right Paratheris (c):
                   Lettin (==')'
               def is Emply (stack):
                   Return len (stack) = = 0
               def peck (stack):
                  helm Stacks [-1]
               def has less or Equal Priority (c1, c2)
                 M:
                  relum priority [c] <= prionity [cz]
                  except Key E-mor.
                   return False.
            dy to Postfix (infix).
                stack = []
                post f19x = ( )
               for cin inti,
                if isoperand (c).
                    portfix+= C
                      if is left Paranthering (x).
                         Stack append (1)
```

	//	
	dref kpight Pavantheis (1).	
	stack append (c)	
	elif is Right Parantheris (1:	7
	operator = stack, pop()	
	while not is left Paranotheris (operator):	
	postfix + = operation	8
	Operator = stack. pop()	
	else	
	while (not is Empty (stack)) and	
	has less or Equal Priority (c, peck (stack)	
	Stall append (c)	
	while (not istmpty (stack)):	
	post (ix += etack.pop ()	
	Return post fix.	1
	det evaluate Postfex (exp; comb):	
	stack = []	1
	for i'n exp?	
	die	
	vall = stack. pop ()	£ 15
	stack append (not val 1)	-
	else.	
	vale + = Stack. pop ()	5
	val 2 = stack -pop ()	
	Return stack. popC)	
	4.1 0) 1 0 0 1	-
	def Checle Enfaitment ()	
	leb = ("input "Enter the knowledge bare:")	2
×	guery: (input " Enter the grany)	
	combination = (True true)	
	(True, Falsu) Falsu, True), (Falsu, Falsu)	Lig-
	(ram, falm)	
		1

3	_	
	for combinetion in combination	
	post chal _ kb = evaluate Patter (posts	x lest (onto)
22	print (combination ": kb" = ead - kl	o,":q=" add
	if (earal up);	
	if eard_ == false): print ("Dosent entail")	
797	Selver False	
9	print ("Entails')	
	Chech Entailment ()	
9		
V II		
2		