	AI lab le	2 + 2	Date 29 12 20
Expt. No.	Aja Mitte	606 A.	Page No.
Program 1	-> Chification		
(ode: de	f unity (enpl.)	enp2):	
	f enpl == enpl:		
	seturn ()		
	uif is (onstant (en	pl) and	is (onstant (emp2):
	to total it		
		return f	,
C	lif islonstant Len	51);	
	return [ (eng	1,emp2)	7
	lif is (onstant le	102):	
	return lenps		
(	lit is Vornable (en		
	retur ld !	f checkoc	eurs Lenpl, enp2)
			enp2, enp123
·	lit is Variable (en		
	return [] it	nechocers	(enp2, emp1)
	else	Cienal,	2mo2))
e	uit getRedicate (	= 1 (19/19	get Reducate (pp.)
0	ist lent gattaintes	((CO)) =	len ( attal tex (em)
	return []		Terre actions of the series
	T-1		
-Ri	57 Atter = get Attabu	TCA (0501)	
G	31 Atto 2= get Fisst	ittibutes (e	mp?)
	Halsbiz only (		
3;	not initials	oubs)	2133711 020
	setur []		
	Ţ	eacher's Signature :	

	AI (ab lest) Date 29/12/20
Expt. No.	Ajoy Mitty Page No.
	if len(getAttimtes(enp1)) == 1:
	return initial Substa
	semaining (Hts 1 = get Remaining (Assempl)
	remaining AH82 = get Remaining (emp2)
	removing in initial Subs 1 = LJ.
	remaining Attal = apply (12 maining Atta)
	remaining Atto 2 = APPT ( remaining Atto) initial bub)
	remaining Subs = unity (semainging Alts), remaining
	if not remaining Subs:
	yetur []
	return initial Sub + remaining Sub
def	get Attributes (enpression):
	emp = emp. split ('(')(1:)
	emp = '('. join (emp)
	enp = enp-splid ('1') (:-1)
	attainnes = enposplia()')
	return attributes
clef	substitute ( exp, old, new):
	atto= get Atorbutes (emp)
	pred = gerbed (emp)
	for it, val in enumerate (attra):
	if yel == old;
	attraction = new
	serum pred + (c'+ ',' join (attob) + ')'
	Teacher's Signature :

	AI (ab Test 2 Date 29/12/70
Expt	t. No. Page No. Page No. Page No.
	det getBedirate (exp): return enposphit ('(') (0)
	det apply (enp, subs):  for sub in subs:  enp: substitute (enp, sub(0), sub(1))  return enp:
	det cheele Oceurs (var, enp): yeturn Fause if enpfind(var) == -1 eve Two
	det gertistationer (enp): yehn getattoioner (enp)(0)
	det getRemaining (emp):  return get Redirate (emp) + ( ) + 1, 1, 20in Leget Atalates (emp)  (1:7 + 10)
	def is (onstand (c):  return (isupper() and len(c)==1
	def is Variable (c): seturn c. islower() and lence) == (
	1) Knows (John & F(n)) and Knows (y, F(h(y)))  Ans: 1y   John, n / (n (John))  2) Student (>) and Teacher (y)  Ans: Not possible diff predicates
	Teacher's Signature :