

# EXP NO: Y- INTROPUCTION TO PROLOGI

MITA	- 4
HILM	

so learn prolog terminologies and write books trograms

## ALGORITHM:

#### kBI:

- +1) patine tocks for people using women and actions cusing playphitching
- 2) popin a storolatory fact for party
- 3) uso quarios to chock it epecific facts exist or return true /foto
- 4) supry undefined facto like concert to verity if they are ple

## KB2:

- 1) Dosfine initial facts for happiness and music listening
- 2) togine rules to inter tow facts boosed on existing once
- 3) use rules to deduce purther relationships.
- 4) Run quanise to check inforced relationships

### KB3:

- i) potine like relationships between induviduolo
- 2) Dofine married (X14) if both x and y like pack other
- 5) Define triande (x14) if x likely or y like x

		rage	- 🗸
	CODE;		
	KBI:	127-9	
	/ * FACTS * /	2703	
	Cognitive	45	
		3144	
	woman ciralys	14-1	
	Women (yolanda)	20104	
		Sep5	
	party.	100-1	
	KB2:	14.00	
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	ListonDamusi'e (mua)	2- pos	
		100	
	1 + RULES * 1		
	Lietone 2 music Cyplande): - happy (ydarde)	: 5-84	
	plays Air Guitor (mic): - Listonoz music (mia) + (x. 10)	- V	
	plays Air Guitar (yplands): - Listans 2 music Cyplands)		
	niet colon sally)		
	KB3:	AUG	
		non I	
		. 4:22:0	
	Like (sdly, dan).		
	likel (john, brittney).		
	morning (x,y): - like (x,y), like (Y,x)		
	triords (x,y): - likes (x,y), likes (4,x).		
		PERCEIL	
tota	so photographs of yesting to mangony test		
	designed a total	1 616	

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	OUTPUT:	
	KBI:	10771
	?- Woman (mia)	
	true	
	? - plays Air Guilor (mia)	Charles again
	falle	(ala. Para Anna
	?- porty	aparta way arribe par
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	kB2:	104
	7- plays Att Guitor (mic)	1457 15 3
		polymorphy warness
	trui	others bidger to the
	?- plays Air Guitar (ydarde)	
	tru	1472182
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	kB-3:	-s cohocings of sum a potice
	7- likes (don, x72	-: COURT TOWN
	x= sally colorated virus another	-: tolorator man are the
	? - mornied colon, solly)	
	true	
	?- normad (bri john, brittney)	Egilla coolea hac
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	and output is varified	
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