Rule Based Inference. Experiment -8 Nati-30/03/2023 AIM artificial intelligence algorithm to detect the arms signithm. griplication: It is one the logical connectivities which can be represented as P→Q. It is noothan expression. Converse The converse of Implication, which means the right hand side peroposition goes to the left hand side to vise versa. I can be written as a > ? contrapositive: The negative of converse is termed as Coulsopositive, and it can be represented as Q -> 7 f Inverse-The regation of implication is called inverse. It can be represented as TP > 2 Code: Import sys dy definition(s)? s. s. lower c). stripc)
if sin c'a', ie', ii', 'o', 'u', 'y']. schum 'an" & S elsi: return "a" 15 def senoue Anticle (5); S=S.lowership() 17 (E0:37 == "an"+S Ide makedustion (question, yes, no)! schum Equesta, yes, no) noting type (p) -- name -- 21/LIST" def somestionep): defastibustion (oncestion): print (1/2/05) 1. J. questian) refurn sys, etdm readine (). Inti) lower () det getAnswer Correstion): of is Dustion Cquestion?! question [0])

return askeustion (question [0]) eini ashonetan (" were youthinkey about 9.5??"

def game Over (message)! global thes print (" ") pront ("1 r yos" 7. mensage) dep playingaines; returnanswayes (ask One hast "Do you want to play") dy could queschessage): gwhal mes Zune Oner Criessage) play Again(): print(" ") thes,0 det replace Answer (bu, bind, replace): I not is Originaltrees ?! of the = fond: elst jetun mee elx return make Question thee (of),. replace Anower (True (17 bnd, replace), replace Answer etrue er, find, seplace), des add New Question (werongsommal, newsques, could), giobal d of 2 makedrustin huwgrus, werest, wrong Animal a = replacetingwer (Q, coronyminel, q) return a. fries:0 Or Emakequestion ("Does Acad Grass?", '6001, 'Ilga') graddygo Quesnon (Tiger, 1 Dos it donk spots? , "hopad overdolnew Question ("heopend! Its it ferstoot anneal", a ar 2 () Print ("Triagine an animal I will by toques which are ") try: answered Yes (gettingwer (9)) or = next Question (or, ans)

0/2 except keyboard Interrupt: sys. end (0) except exception: sys, exit (1) neutQuedian (question answer): global his tres +>1 of bouestion Carestion): of answer". return gruestion[1] return grustion [2] elsi ansuer : corredques ("I kenew 't!") retur refruir NakeNew Oreston (greston) Sauple Input Couput. I would like to smagne an animal. Froll try to green which are you can answer Yes or No. does it eat gran? where you turking about a con? Twent to learn for the next time. What do you think about) Deer Enter the question short would distinguish a deep from a cons Does it have home? If it asked you this question & you shought about a deer , what receiled me correct answer he a coording 10 you> Does A cat grans? soes it have horns? new yor tunking about a deu? I guessed & corr! Resurt! Armal Description problem Buccessfully implemented using