yin(a)=1=t=+ gin(0) = 7 = +=1 Durite the purposes of unights in the aritificial 1) weignts play a councial seple in deturning the: returalists ability to leave and more accurate pudidia - Yeartual the stellingth of connections ii) failitate rearing. iii) Enable generalizations. W) control Activation of Werrens. vi) contribute to reall floribility Worked Military of Breezeway &

2) illustrate tre uses & disservent artivation dump.	in I some larger presentered
for outspical neural notuolins.	3) write the discrition used in a Istrigat was parties
2) illustrate tre uses of different articulian functions for outspiral neural networks.  1) signoid . ) Binary classification output layer.  1 te-c.	model you wantly . The se writing particular network
- 1) saprand Bernary margicians and the land	and sep made is a type of the states
1) sigmoid -> Binavy classification output layer	wia for orang massificant
- smooth output purpobilitie output - vonishing gendient non zent contined	gm = wx, twoxs +: -twoxa +b.
- woushing cleadient non zeno contined	in nin = Wald +dt DCI
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- 2) tauh Hiddun (Queus for data between cand)	braw bold tat.
tanh (x) = 3 =-1  He-2x	Distinguish the following.
4 2000 - untend better avadients.	Draguerd:
* aarishing geradient four large values.	Def : A raws used to determine when a neuron delivates
	ete: petermine to deriver boundary promuon artistion.
3) Rålu Hidden Layeur for dup networks.	wage used in step functions to duide it the neumon supplied advises
Pulling max (0, x)	input: Divulty impails wan a nowon field, traking the model binary in simply lakes.
+ Dying getu sudbum Linautive neurous).	totale.
During Dela purpur Caragina palaring).	& Cranning Rate: A hyperparameter that controls the step size in wight
a) laky Rely -) Deep nextworks to prevent duing pely	poll: control how much the weight are updated during teraining.  used: used during training to adjust bright according to the every graduit.  Infant: Impant the speed and Stability of teraining.
Leony Pely(X) = max (ax X)	wight the during the land and stability of training to the source
" midigates during Relu publim.	andring a state and same and a same as
* miligates during Relu publism.	3) Actuation: A pure applied to the weighted sun givente to determine
	3) Activation: A func applied to the weighted sun ginguit to determine neuron output:
5) softmax -) multi days daysification output.	BOLE Interested non linearity allowing the notions to boun completention
50061	Espan: The ability of the model to leave complete fathers & superior
* computationally expense.	
( computationally expertise.	