PAGE NO : 1

DATE : 29/9/20

EXP.NO. : 1

	Implement and demonstrate the FIND-S
	algorethen for funding the most smith
	appoonedt based on a set of macney
	data samples. read the training data
	from a . cer file.
-8	from panolas injont Dabatrame.
	data = Daba Fronne, from -cer c'Cat 2. csr')
	columningen = data. shape [2]
	went Caata)
	h= C'6') * [columntegbh-1]
	hp=17
	hn=[]
	for browning Evanple en daba values:
į.	if training Example [-1] != ho':
	op. append (list Ctravery (travels))
	elle:
	an-oppend Clist Considing Enouples)
	for i in range (lenchp);
	for je en range Ceolevanlerjon -1):
_	if Chtij=='0');
	if catil!= hptiltil):
	hti7 = '2'
	else
	ntij=tig plijlij
	ARUN'S—

GALORN BRIPO YMPITCS 039

PAGE NO : 2

DATE : 299/20

EXP.NO. : 2 1

	prent C"In The positive hypothesis one:"
· .	hp)
	prent C"In The negative hypothesis
	one: ", hn)  prent C" \n The mossimally specific  hypothesis is: "h)
	prent C" In The mossimally specific
	hypothesis is: "h)
	and the second s
March 1	and the same of th
	to the sample of the property of the property of the sample of
	The state of the s
1	
	and the second s
	ARUN'S —

According to the control of the cont	_
De Much	1
Output	, ,

si no.	sky	Air temp.	Humidity	wind	water	· fore	Syan
1	sunny	noun	rormal	Strong	morn	save	400
2	energy	noun	rormal	Strong	mora	Porac	res
હ	rowing	cold	high	Strong	nara	change	No
4	surry	nova	Ligh	shon	cool	change	Yes

The possibine hypothesis one:

[['sunny', !main', 'normal', 'strong', 'norm', 'strong', 'norm', 'high', 'strong', 'norm', 'high', 'strong', 'cool', 'charge', 'yes']

The organie hypothesis one:

[['varing', 'cold', 'high', 'strong', 'warm'
'change', 'no']

The massimally orceifed hypothesis is: ['sunny', 'mann', '?', 'strong', '?', '?!)