	Mission Name: List Comprehensions And Lambda Functions
1	JSON: Javascript Object Notation
†	They are gume well on pure tonger ut tonger and
<u> </u>	Python JSON module: import ison
	Loading JSON dataset: - json. Loads ().
A 10	The distance of the second sec
3mt,	ison loads () function, loads the ison data from a string.
	json. load () function, loads from a file object.
	1/2/ 200 (200)
-24	Opening and loading a json file!
	file = open ("hn-2014.json")
	hn= json. load (file)
<u></u>	
<u>.</u>	json.dumps() - returns the string version of object.
<u> </u>	Syntax:-
	text=json.dumps(obj,sort_keys=True, indent=4)
<u> </u>	The state of the s
	string version ison object dictionary key sort
*	del Keyword can be used to delete a dictionary key.
	Eg:- def del Key(dict-, key):
	modified-dict = dict-copy()
10=	del modified - dict [key]
	return modified-dict
4	1 le plan = [7]
	hn=clean=[]
1	for in hn!
1	hn-clean. append (del-koy (-, "created A + I"))
1 5/1 RL -1	Mark I Was the same of the sam

BEAG

Ħ	List Comprehension:
	Loop version: - or virtue lange a scharge and lus
	Target variable
1	rounded = FJ c. 1 all a series of the series
	for f in floats:
	munded.append(mund(f))
for	statement transformation.
	Service of the servic
•	List comprehension version:-
	" local and a local in the state of the stat
1	rounded = [round(f) for f in floats]
4-1	get variable for strute ment
100	transformation for state ment.
	- to your ships to be a second to the second
	A list comprehension can be used where we:-
	i) Sterate over values in list.
	ii) Performed a transformation on those values.
	iii) Assigned the result to a new list.
	- 50 37 4
	Eg: uns = [-["url"] for in hn-clean]
	V
	Eg2: thousand-points = [p for p in hn-clean if p['points "]>1000]
	The same of the same to be a second
0.44	If we onit parenthesis from the function name, we can use
T	per de la T
	it as variable]
¥	Paring functions as arguments:
	sa:- det key-func (d);
	return d["num comments"]
	most_comments = max (hn_clean, key=key-func)
	•
	we possed key-func as any ument.

*	Lambda Function:
	Python provides a special syntax to create temporary functions for situations when we need to use the function only once. These functions are called lambda functions shunction name def unchanged (x): return x Lambda Equivalent: unchanged = Lambda x:x
	Eg 2:- def add(x,y): Lambda Equivalent:- return x+y add = lambda x,y:x+y
*	Pandas function to read joon files/strings:
	pandas, read json()
*	tags= hn-df ["tags"] mas K = tags apply (1en)= 24 # boolean mask fown-tags = tags [mask]
	if $len(l) = = 4$: return $l[-1]$ else:
	return None
,	Ternary Equivalent:
	l[-1] if len(l) == 4 else None
41	word in the course and the Administration with

we proved key party on