	Di enest 74 million	LP Week-2 Gu	aded Assign	ment-2	
z a	emest 74 million	datasit	J		
	set. Take every 7 th sample (the indices are multiple of 7:[0				
Normalizer: LowerCase	aton agonum by varying the rocabalary orde.	74 - 10.5	-		
PreTokenizer: WhiteSpace Model: BPE	Mana)	7	millien		
Special tokens: [GO],[UNK],[PAD] PostProcessing: None	,EOS) — Y				
Tokenize the input text: "SEBI sti	udy finds 93% of individual F&O traders made losses between	een FY22 and FY24." using the following configuration	ons.		
1) Keep the vocabulary size a	at 5000 and tokenize the input text using the learned vocab	oulary. Choose the number of tokens returned by the	e tokenizer.	1 point	
O 18					
© 22					
2528					
32					
60					
1					
	ize to 10K, 15K and 32K. For each case, tokenize the same e from 5K to 10K decreases the number of tokens			2 points	
	e from 5K to 10K decreases the number of tokens	The diec	10K - 15K	-> 32 K ((Vacab sizer)
_	e from 10K to 15K decreases the number of tokens	Tehn die	<u>canotant</u>	dec.	0 1
Increasing vocab size	e from 10K to 15K does not change the number of to				
Increasing vocab size	e from 15K to 32K further decreases the number of	tokens			
Yes, the answer is correct	t.				
Score: 2					
Accepted Answers:	K to 10K decreases the number of tokens				
Increasing vocab size from 10	0K to 15K does not change the number of tokens 5K to 32K further decreases the number of tokens				
Download the pre-trained tokenizer. How many tokens a	tokenizer file "hopper.json" used in the lecture, from here . 7	The tokenizer was trained on all 70 million samples	in the BookCorpus dataset. Tokenize the	same input text using this "hopper"	
	e a moment to compare the hopper tokenizer with the previous	vious onel			
(25)					
Yes, the answer is correct Score: 1	t.				
Accepted Answers:					
(Type: Numeric) 25					
_				1 point	
	N= 10 10 10 1 4 1 1 4 1				
	e acronym "FY" will likely appear very frequently in most of the vocabulary and tokenize (use the Hopper tokenizer) the		ancial domain). Therefore, we hope that a	dding it manually to the vocabulary might	
	educing the number of tokens helpful?	input text. Enter the number of tokens produced.			
22					
Yes, the answer is correct	zt.				
Score: 1 Accepted Answers:					
(Type: Numeric) 22					
(Type: Namency EE				1 point	
5) Load the "bert-base-uncas	sed" and "gpt2" tokenizers (use AutoTokenizer function from	m transformers). Which of the following special tok	cens are used in these tokenizers?	1 point	
[GO]					
[CLS]	CLS				
[BOS]	SEP				
[SEP]	6) By now, we have four token	nizers			
[= endoftext >]		ize 32K, trained on 10 million samples)			
	2. bert-base-uncased 3. gpt2				
	4. hopper				
		count the number of tokens for the entire "imdb" dat in ascending order. For example, if the first tokenizer		dataset). Enter the tokenizers in order such to d the fourth tokenizer yields the largest, you	
	4312				
	No, the answer is incorrect Score: 0				
	Accepted Answers:	happen < be	ent < gpt <	custom	
	(Type: Numer c) 4231)	Q1		
		,			2 poin
	7) The statement that the spe	ecial tokens and their respective token ids are mode			1 poi
	True	Yes like in	mest of the	u medels he	u their
	○ False	men lugur	iment lon	tohens.	
	Was also assumed assume	1	D		

False	quin: certirit_Un = 128
- insufficie	batch size = 8
	man-len = 64 (after tokening)
padd	batch suje = 8 man_len = 64 (after tokening) ing is generally added to madels when learning to deal with ba ugual sequence lengths.
9 t	s not clear -
	(i) badding is applied to match the larget elg of 64.
	(i) padding is applied to match the longest seg of 64. (ii) our it applied to match the content lin. of 128.
	C.)