CS61B A Login: _	MIDTER.	M, SPRI	NG 201	7	
4. Flirbo	ocon (12	points).	Consid	er the declarations below. Assume that Falco	n extends Bird.
Bird b	ird = ı	new Fa]	Lcon()	•	
Falcon					
		•	,	•	
Consider the following possible features for the Bird and Falcon classes. Assume that all methods are <u>instance methods</u> (not static!).					The notation Bird::gulgate(Bird
F1. The Bird::gulgate(Bird) method exists. ¹					specifies a method called
F2. The Bird::gulgate(Falcon) method exists. gulgate with paran					
F3. The Falcon::gulgate(Bird) method exists. of type Bird from the state of type Bird					
F4. The Falcon::gulgate(Falcon) method exists.					Bird class.
a) Supp	ose we i	nake a c	all to bi	rd.gulgate(bird);	
Which for	eatures a	re suffic	ient AL	ONE for this call to compile? For example if	feature F3 or feature F4
				ile, fill in the F3 and F4 boxes.	
⊔ F1	F2	□ E2	∐ E4	L. Lean agailt la	
		F3	F4	Impossible his call executes the Bird::gulgate(Bird) method For example if
				and not F1 or F3) would result in Bird::gul	•
executed			• `	· · · · · · · · · · · · · · · · · · ·	54cc(21 4) 00mg
F1	F2	F3	F4	Impossible	
Select a	set of fea	atures su	ch that t \Box	his call executes the Falcon::gulgate(Bi	rd) method.
F1	F2	F3	F4	Impossible	
b) Suppo	ose we m	ake a ca	ll to fa	<pre>lcon.gulgate(falcon);</pre>	
Which for	eatures a	re suffic	ient AL	ONE for this call to compile?	
F1	F2	F3	F4	Impossible	\1 1
Select a	set of fea	atures su	ch that t	his call executes the Bird::gulgate(Bird) method.
F1	F2	F3	F4	Impossible	
				his call executes the Bird::gulgate(Falce	on) method.
					,
F1	F2	F3	F4	Impossible	
Select a	set of fea	atures su	ch that t	his call executes the Falcon::gulgate(Bi	rd) method.
∐ E1	□ E2	□ E2	∐ E4	L. Immagaible	
F1 Select a	F2 set of fea	F3	F4	Impossible his call executes the Falcon::gulgate(Fa	lcon) method
					LCOIT) IIICHIOG.
F1	F2	F3	F4	Impossible	

¹ In other words, the Bird class has a method with the signature gulgate(Bird)