question **2** views

question on problem set 6

I'm not sure what I've done wrong for problem 1a in problem set 6. Here is the R code I used.
It seems that the answer according to the way I did this falls between 2000 and 2001 (entering between 5-6 as the year in the Pred function). Does anyone know what I did wrong? This problem set question only gives you 1 chance, not multiple as the labs sometimes do, so I just want to understand what I did incorrectly, since I already lost the credit.

Thanks.

```
> brazil <- world[world$Country == "Brazil",]
> brazil_select <- brazil[brazil$year >= 1995 , ]
> brazil_select$mobile.mil <- brazil_select$mobile.users / 1000000
> brazil_select$time <- brazil_select$year - 1995
> expFit(brazil_select$time, brazil_select$mobile.mil)
 a =  3.22757
 b =  1.33871
 R-squared =  0.93243
> logisticFit(brazil_select$time, brazil_select$mobile.mil)
Logistic Fit
 C =  347.9316
 a =  72.74891
 b =  1.3595
 R-squared =  0.99785
> logisticFitPred(brazil_select$time, brazil_select$mobile.mil, 5) -- gave the 20.88 -- chose 5 since 2000 is 5 years since 1995
--given the correct answer is 23.19, I tried some other years close by to what I thought I should enter, to see if it would give the 23.19.

> logisticFitPred(brazil_select$time, brazil_select$mobile.mil, 10) -- gave 79.56
> logisticFitPred(brazil_select$time, brazil_select$mobile.mil, 7) -- gave 36.72
> logisticFitPred(brazil_select$time, brazil_select$mobile.mil, 6) -- gave 27.78
```

1a. Find the number of mobile users in Brazil (in millions) in 2000, using R. *(Round to 2 decimal places.)*
20.88 - incorrect
Ans. 23.19

problem_set6

18 minutes ago by Karen West

the students' answer, *where students collectively construct a single answer*

You don't have to predict the number of users in 2000. The answer is found in your data.

Just now by SeaBreeze

followup discussions *for lingering questions and comments*