

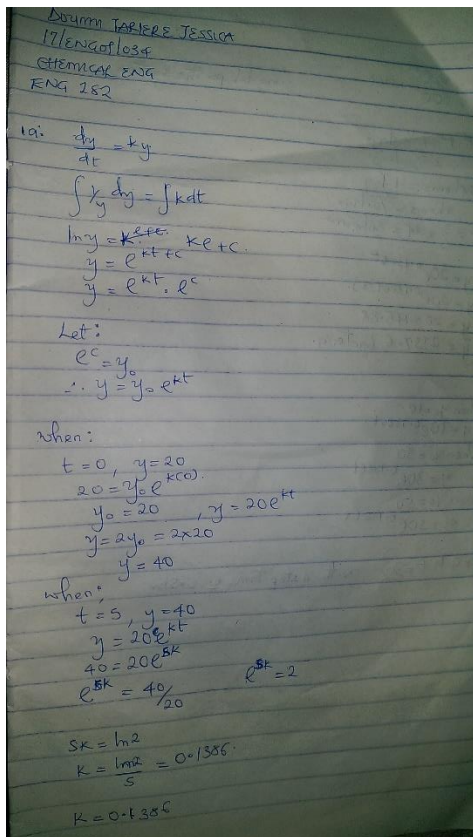
NAME: Doumu Tariere Jessica

MATRIC NO: 17/ENG01/034

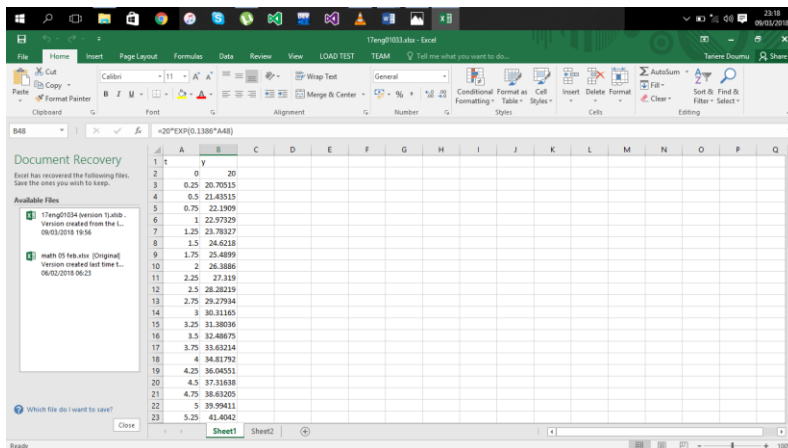
DEPARTMENT: CHEMICAL ENGINEERING

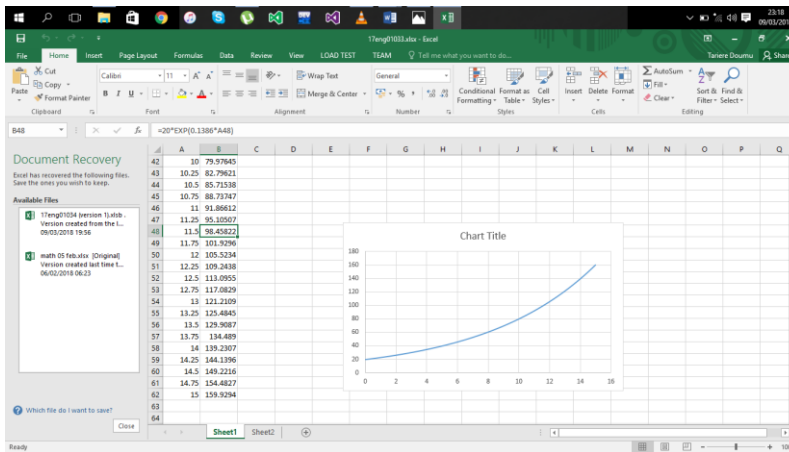
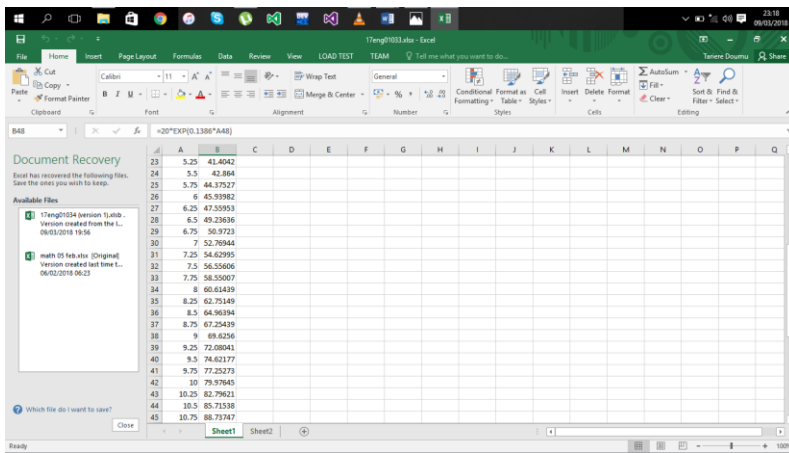
COURSE CODE: ENG 282

Question 1a and b



1c





1d

d. when $y_0 = 10$
 $y = 10e^{0.1386t}$
 when $y_0 = 30$
 $y = 30e^{0.1386t}$
 when $y_0 = 50$
 $y = 50e^{0.1386t}$
 $t = 0$ to $t = 30$ with a step time of 0.5hr

