Homework 1

1a) y - bar = 23.94 + 0.65x

* u = 68.09
* y - bar = 23.94 +.65(68.09) = 68.20
* 95% CI: (67.94, 68.26) w/ 926 df under t-dist

               - R - Code: qt(.975,926)\*2.5/sqrt(928) + 68.1 = (67.94, 68.26)

* I would expect someone to fall within this interval

1b)

i. 68.08847 Per Heights.lst's Sample Stats section

ii. 68.30819 Per Heights.lst's Sample Stats section

iii.