James Dumitru
Psych 203 Lab
Project 9

1.) Yes, because in order for a human body to move, blood has to be pumped or else the muscles will stiffen, and they would have "rigor mortis" where one could no longer move. Therefore, in order for a zombie to be "real", they would need a heart rate. No for the fact that body temperature will predict heart rate, I believe that it can to some extent, meaning that it would give a good estimate and it would be positive. Same for both people and zombie status.
2.) 2.44, the slope is positive (B1) It is significant, because it tells me that as the temp goes up the heart rate will go up as well, or vice versa.
3.) -166.29, while the intercept is negative(B0) It is significant meaning that there is a relationship between heart rate and body temperature if this is negative while slope is positive.
4.) Y = B0 + B1x, so -166.29 + (2.44 * 98.6) = 73.294
So, 73.3 would be the heart rate for someone with a body temp of 98.6
5.) Yes, they have been, at least for predicting heart rate from body temperature.
6.) -0.78, the slope is negative (B1) It is significant, because it tells me that if you are a zombie, the heart rate should be lower.
7.) 74.15, while the intercept is positive(B0) It is significant meaning that there is a relationship between heart rate and having zombie status as it should be slightly lower than non-zombies hence why they are zombies because they would deteriorate or degrading slowly.
8.) Y = B0 + B1x, so 74.15 + (-0.78 * 2) = 72.59
So, 72.59 would be the predicted heart rate for someone who is a zombie.
9.) No, I was wrong in this aspect as I thought they would both be positive. I didn't account for deterioration factor.