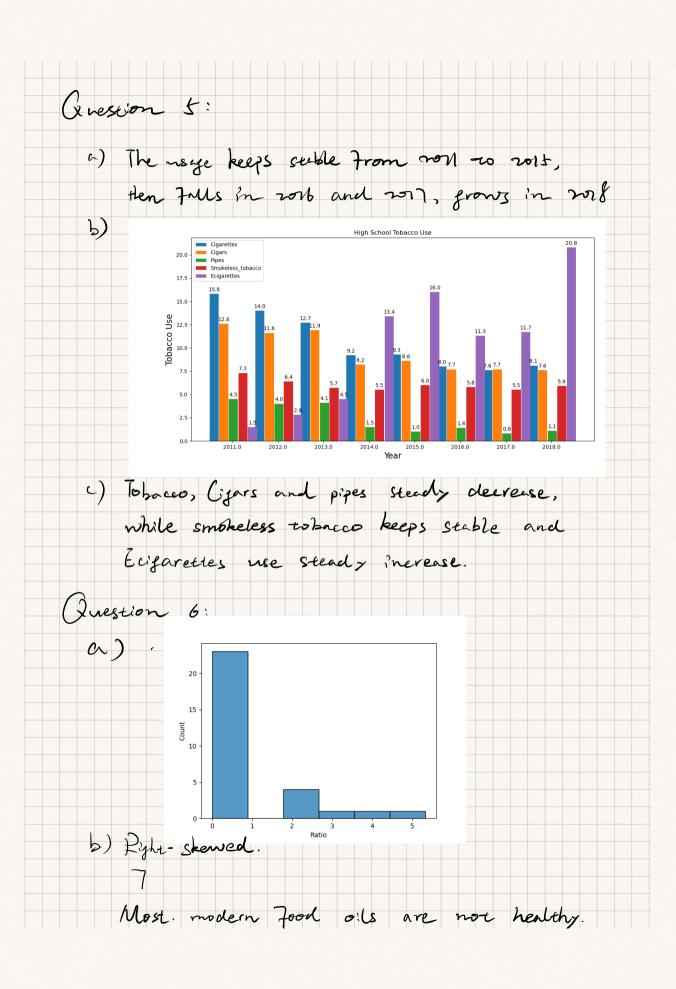
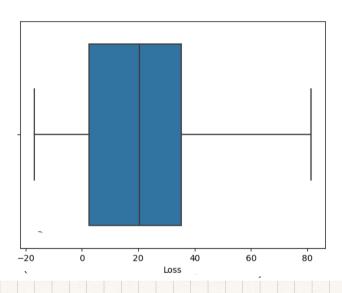
Yohn Feng Assignment 1 251113989. Question 1: a) Symmetric b) It percent c) Smallest: -50% largest: 60%. d) 37.5%. Question 2: a) without splitting stems: 4 9 5 | 36668889 611123556777889 7100 with splitting stems: 419 5/3 516668889 6/1123 6/56777889 7/00 I prefer the one with splitting stems. Because there're too man, data on one single stem.

b) shape: right-skewed. There's no ontlier. c) mean=(65+61+67+59+58+62+56+67+61+67+63+53+68+49 +66+18+69+70+65+56+68+56+38+70)/24 = 59.375 median = (62+63)/2 = 62.j. d) Q, = (58+58)/2=58 Q2= (67+67)/2=67. e) Tes. Because meelium is larger than mean. (Question 3: mean = (29+35+3)+29+29+34+29+30+29+28)/10 = 30.5. tandard deviation = [129-30.5)2+(35-30-5)2+(33-30.5)2+(29-30.5)2+ (19-30-5)2+ (34-30-5)2+ (29-30-5)2+(30-30-5)2+ (29-30.5)2+ (28-30.5)2]/10 = (2.25+w.25+6.25+0.25+2.25+2.25+12.25+2.25+ 0.25 + 2.25 + 6.23)/10 = 1.625. Question 4:



Question 7.

a) The weight of the subject grows after
this study
b). Gastric banding is more effective than literaple
intervention.



() No. The benefit one would have From losing weight depends on his/her initial weight. The advantage of BMI is that it takes into account of one's initial weight.