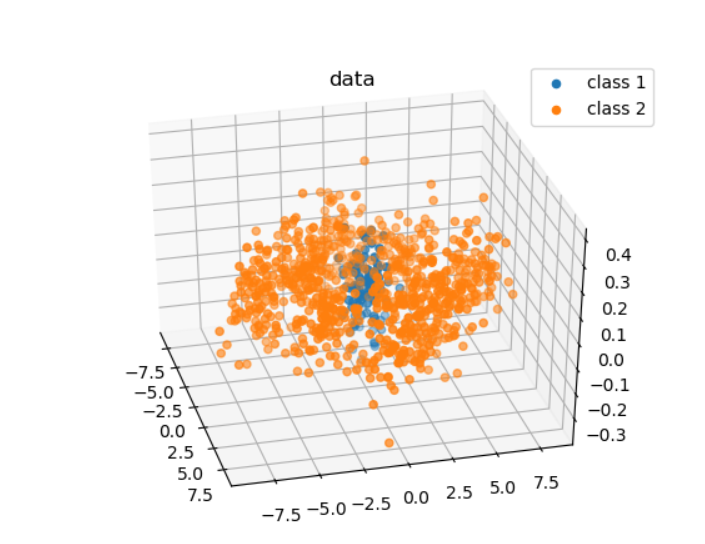
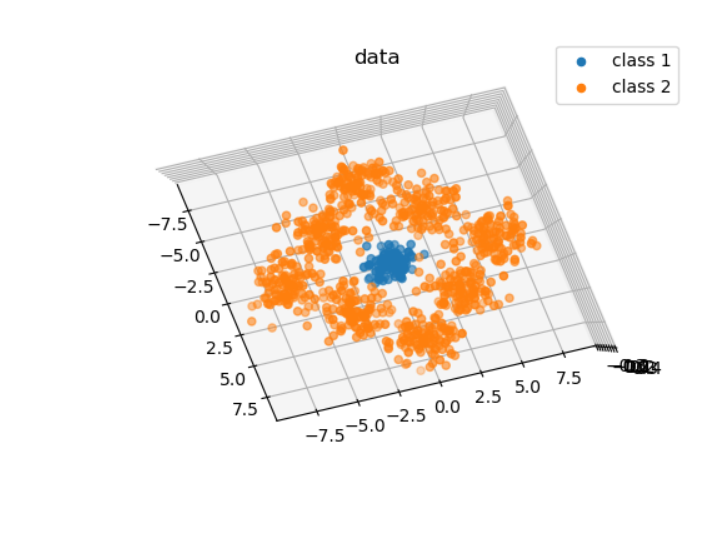
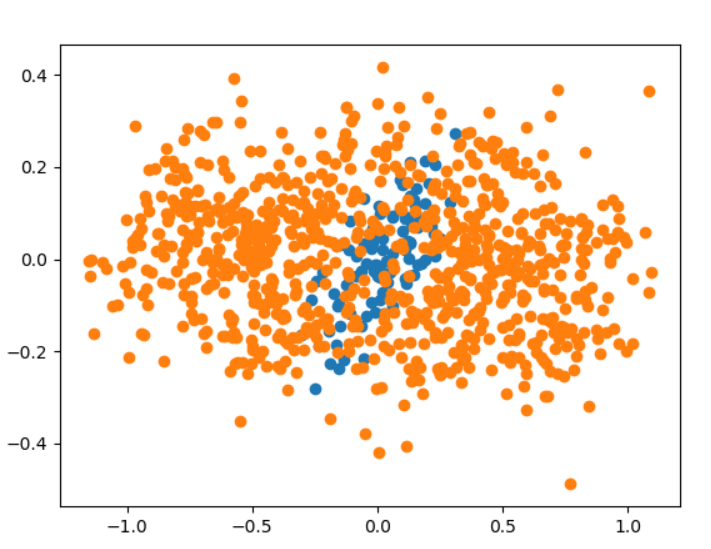
For the second question if you uncomment the commented part you get second and third question and for the answer of the first question:





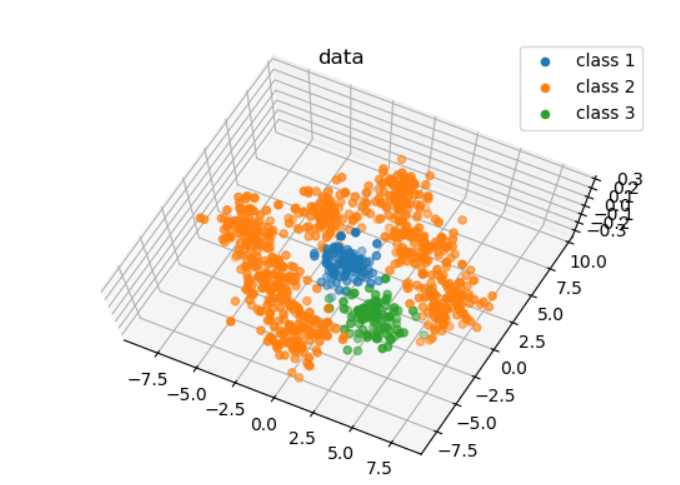
Is the data

And

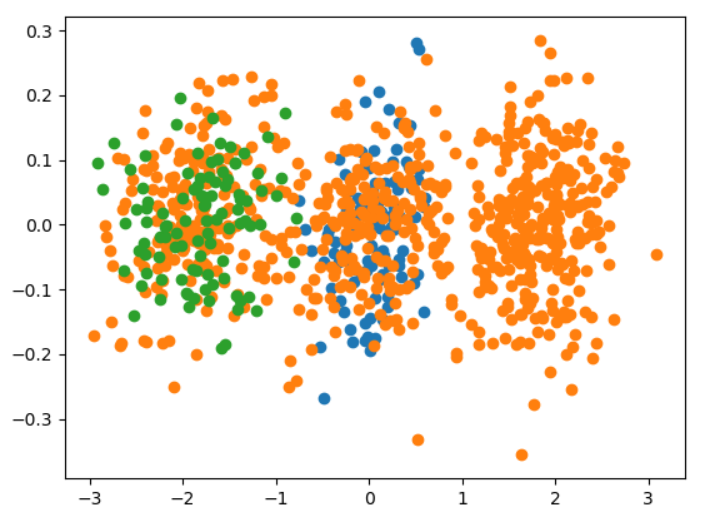


Lda transformation of it which I used formula on the main book to drive with computing covariance between and within classes

Second question data:



And its transformation:



For the first question if you uncomment the only commented line you get second question:

