- (SGD) we don't go through the words the coss function whole dataset in one update step. In other words, the coss function whole not have a sum wer N, but rather over a mini-batch of 6,32,64,728 sura points. That's because with big datasets and complex models, compating gradients in that way would be compatitionally expensive and even not feasible.
- (b) The code and intermediate results for this part are given in the next page.
- C) The Code and intermidiate results are given in the next
 - # Also Adagrad helps in this algorithm. We can see that by comparing losses.