1016-13-52   **Sankar P Dutta*** (`dutta@math.uiuc.edu`), Department of Mathematics, University of Illinois, 1409 West Green Street, Urbana, IL 61801. *On Extension of Gabber's Work.* Preliminary report. We will first point out the key steps in Gabber's proof of the non-negativity part of Serre's conjecture on Intersection Multiplicity over regular local rings. Next we will show that his technique cannot be extended to regular schemes of finite type over an excellent discrete valuation ring. We would like to derive some special cases of positivity if time permits. (Received January 23, 2006)