BOARD OF STUDIES (23) A custom disigned solution is when a software du dopment company is employed to create software that will forfill and be spaifically disigned for the small company This solution will be for only for the company and will contain and function as direited by the company. The busiers with get like using software designed for them and it may have functions that no other software has. However the cost and time of this solution is far greater and the usus may need training for the specialised software. Off-the-shaf package is software that has ban witten for craybady and anybody. This package will gost probably be able to do everything required and perhaps more. If a new function is needed, the custon software will need to be rewritten. This package is also well known by most people and may not require training. Lost and time for implementation will also be a lot less.

ARD OF STEDIES b) i) Hardware developments include fast processing spads and larger mamory storage to send and reciere data. The modern or network card allowing auces. The internet or other communication method allowing the communication between all people. 5. Stuarc includes the software development programs, inturnat browses with FTP, and standard file types that can be used by most people. ii) The project manager will be unable to produce progress reports unless de good documentation is included. With any body having aucos at any time, it's hard bo monitor changes and durdopment. Also to control group co-ordination and termusch would be difficult as well as allocating credit.

ARD BE STERIES c) 1) Accumulator is the storage before being sent to the ALV for calculation Reg 3 is the aumulator <u>íi)</u> 4096 256 <u>16</u> × 10 AN 123956789 107127515-16 A1 = 161iji) 4096 256 16 1 0 = 48 3 1 = 161 A^{\parallel} = 209 Convert bold Hexaducinal to decimal then perform alculation LOAD (Reg1, Mem 5) <u>iv)</u> LOAD (Reg2, Mem5) (Reg, Reg), Reg 2) ADD ADD (Reg1, Reg3, Reg2) STORE (Reg), Mem 7) STOP