Unit-5 margary Laprot (8)

illa besolute. ML DAUI. AST Stands for Direct AEyclic represent 5'd mazza (M) graph. of Three address code 95 Used. generate DACI. 40 RST is an optimazation technique side Octob A Grancem . mitals & worked & bonn - mit elignos to e=d# c b = e a nothers sold nother face for 如此的方言 b to c goth de g=##d.d+f allocation 20 Col 2100 Step Harde Jan 2 stable from of or consider the first statement

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Step 2: modasimister 6 stad gartin are (200 box de por de partiron elimentanon l'enes atest 2 cosposions re Eglid of to

4: Step 4: dip C wind 2007 Step 5; mile mideurteni trobules (I and the service of the work of the service of the s inothermally contrated Lookokia (climitages. WH 65 4

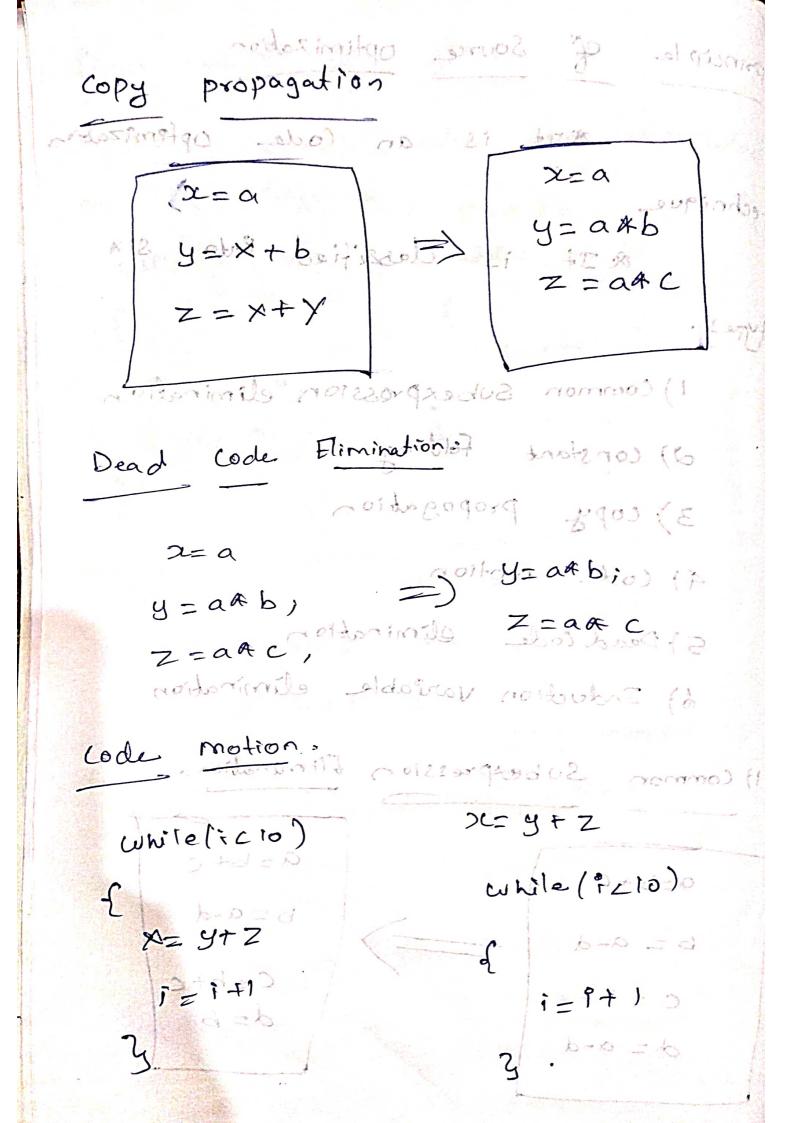
2) peep hole oppenization: AIt is an code of fam? Zabion Source Code ... Source Code ... of It reduces number lines and postruction elimination code & It helps or increases System performante types they are i) Redudant instruction elimination a) unreachable code 3) Flow of Control optimization At Algebraic Simplification. 1) Redodant instruction elimination: A in this Mechanism . no of instructions or codes are alminde

flow control approximation. void add (int x) void add (Pntx, x) frempse Zutt int 2 = x+ y (0) 2 K Jalinho Y=10 (ot = x) sister return z Z=×+> ; d+D=5 return Z (x) flater ? void add lint x, int x) williamis Algabraic 1 total u toul 2001/14020 1 1+0=0 unreachable lode: * Repeated codes are Slightly climinated word Print () return x brut((, 199 11 ×)

flow control optimization. (1918) bloppe codes are climinated 2 printf(x) x = a + b;print(x) Simplification is a door blo door Algebraic Mnot useful azato 11 usefull one. a = a + 1sitted with silver betoggies to

(x " b. 1. ") fruit of

principle of Source optimization XIII is an Code optemization technique TRA = P AIt is classified PHON Six type 1 1) Common Subexpression elimination 2) constant foldinginily was loved 3) copy propogation 4) (ode motion 5) Dead code elimination 6) Induction variable elimination 1) Common Subexpression Flimination. a=b+C) =1/10 b = a-d C = b+ c;



Induction Variable: f=qwhere: $(i \perp 10)$ f=q+1;

Flimination

t= 4

wwile (ic40)

L = ++A;