	Page No.
	ASSIGNMENT NO:6.
	Title & Code generation using Register Allocation.
	Problem Statement's
10.	Problem Statement r Write a program for Register Allocation algorithm that translates the given code into one with a fixed number of registers.
•	Learning Objective: To understand code generation phase of compilation To understand register allocation algorithm.
dad2	S/w package: Linux OS, 1 GB RAM, keyboard, Mouse. 16 GB HDD,
	Theory's
	Code generation:
	Goal: Takes intermediate code representation of source program Coptimized 3 address code determents to a la source program
. reduia	statements) - produce equivalent
	target program as output.
	Requirement of code generator:
	· Correct target code
13	· High quality code.
	· Affective use of resources of target machines.
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