

		SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>LIST OF ASSIGNMENT</u>	FORM NO	SISTEC
BRANCH	CSE		REV. NO	
SEMESTER	VI		REV. DT	
NAME OF FACULTY: BHAVANA GUPTA SUBJECT: COMPILER DESIGN				
SUBJECT CODE: CS-603(C)				

ASSIGNMENT -IV

1. Construct the DAG for the basic blocks whose code is given below:

D:=B*C

E:=A+B

B:=B*C

A:=E-D

2. What is Peephole optimization? Explain it?

3. Write quadruple from the expression: $(a+b)*(c+d)-(a+b+c)$