

Marking Guideline for ICG

Sl. No.	Item	Marks (100)
1	INC, NEG (2), ADDOP (2), MULOP (3), RELOP (3), LOGICOP (5)	15
2	If Else	5
3	Loop	10
4	Function definition	10
5	Function Call (arguments through stack, return value should either be in the stack or register)	10
6	Println	5
7	Implementing local variables through stack offset	10
8	Emulating Assembly Code (the generated assembly must correctly run and produce output in the emulator). This is compulsory. If not implemented, no other componentwise mark will be considered.	20
9	Annotating each block of code with the corresponding statement as a comment	5
10	Peephole optimizations	10
Bonus		25
11	Support for recursive functions	5
12	Efficient use of temporary variables	5
13	Implementation of short-circuit or jumping code	5
14	Generating code on the fly	5
15	Additional Optimization	5