ASSIGNMENT - 4 COMPILERS

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Q1. The symbol table has the following info about identifiers:

- · A Name
- · Data type
- · Block level
- · scope
- · Offset from base pointer
- · Initial value, défault value
- · Others (depending on context)

Q2. TAC	0	1	2	result
t10=j+2	+	j	2	+10
j = +10	=	t10	null	उं
t6 = j*4	*	j	4	+6
t1 = mrr[t6]	=[]	Mxr	+6	+1
if t1 <arg gotog<="" td=""><td><</td><td>t1</td><td>arg</td><td>G</td></arg>	<	t1	arg	G

Q3. Global Symbol Table

My S

PTO

Global Symbol Table:

Name			
100/11/2	Type	Datatype	Size
×	Var	int	ize
£			4
J	fun	int->void	0
3	fun		0
	0 - 1 . 1	trictui	0

f symbol table

m	parameter	int	4
20	Var	float	4
y	Var	float	4

	-	
9	zymbol	table

n	par	tri	4
t	Var	bool	1

i Var Int Y
j var int Y

x var int 4