

```

int glo[30];
int get(int iArrA[], int iArrB[]){
    int i;
    {
        int b;
    }
}
void main(void){
    int sum;
    int avg;
    int arr[2];
    int brr[4];
    int c;
}

```

C- COMPILATION(Lexical Anlayzer): ex3.c

Syntax tree:

Building Symbol Table...

Symbol table:

Variable Name	Scope	Location	IsFunc	Type(size)	Line Numbers
main	0	2	TRUE	void	8
get	0	1	TRUE	int	2
glo	0	0	FALSE	array(30)	1

Variable Name	Scope	Location	IsFunc	Type(size)	Line Numbers
i	1	2	FALSE	int	3
iArrA	1	0	FALSE	array(param)	2
iArrB	1	1	FALSE	array(param)	2

Variable Name	Scope	Location	IsFunc	Type(size)	Line Numbers
b	2	0	FALSE	int	5

Variable Name	Scope	Location	IsFunc	Type(size)	Line Numbers
brr	1	3	FALSE	array( 4)	12
avg	1	1	FALSE	int	10
c	1	4	FALSE	int	13
arr	1	2	FALSE	array( 2)	11
sum	1	0	FALSE	int	9

Checking Types...

Type error at line 2: Integer function(get) has no return statement

Type Checking Finished