

Assignment 2

Name: Shweta Sharad Meshy

B00815342

Name: Siddhesh Vilas Kolhapure

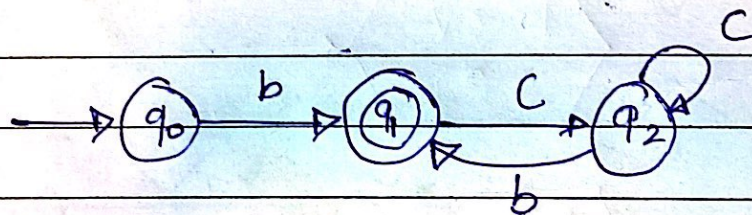
B00815336

1. $/(a+b?) + /$

10

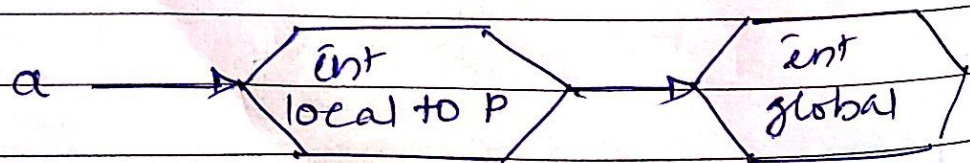
2. Automaton for given regular expression
 $b(c+b)^*$

15

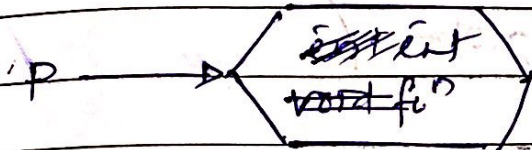
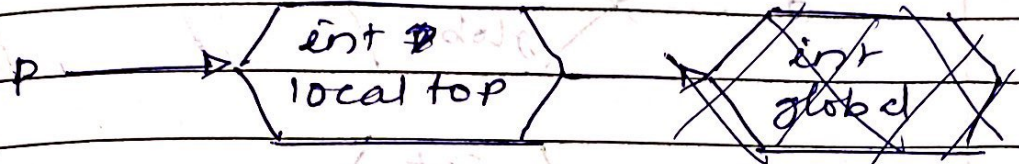
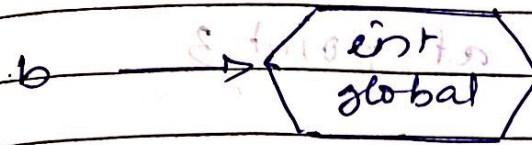


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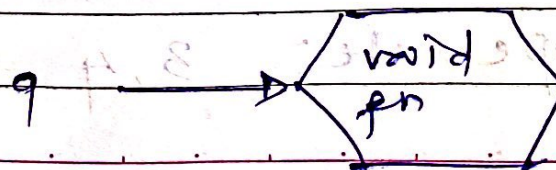
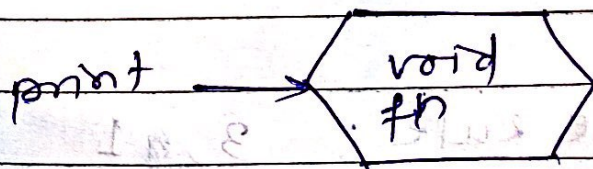
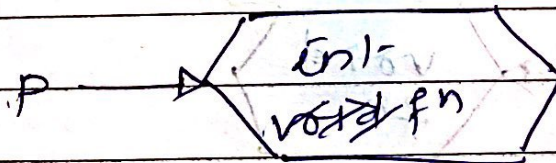
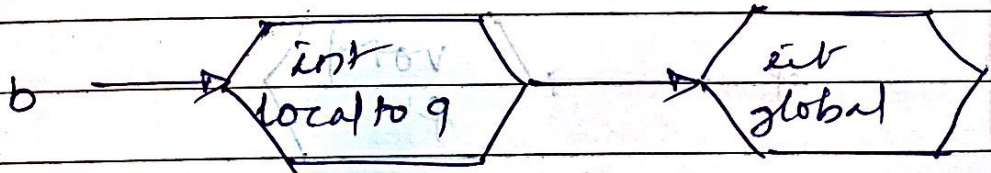
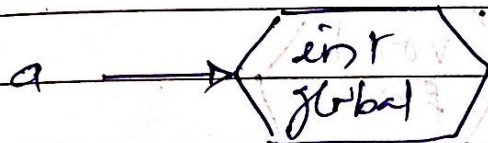
3. static Scoping at Point 1.
name Bindings



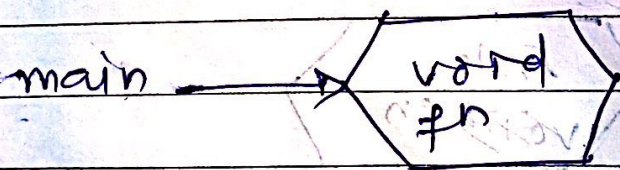
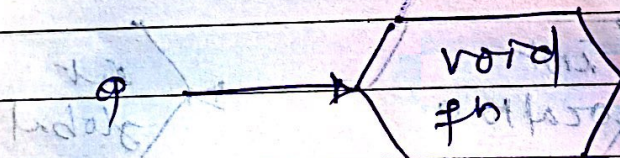
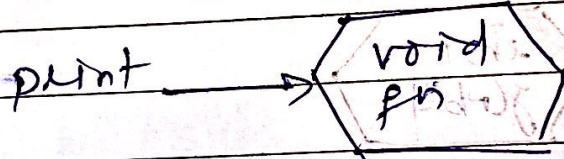
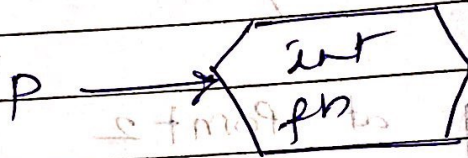
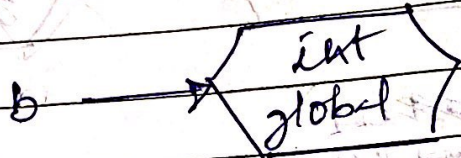
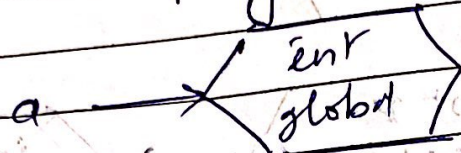
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static Scoping at point 2



static scoping at point 3.

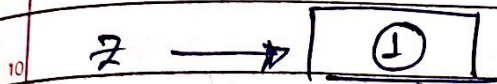
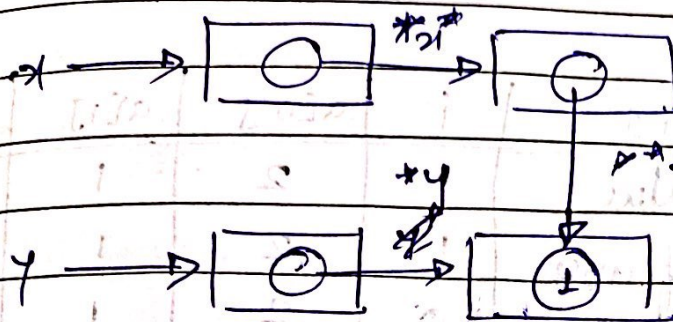


Output :

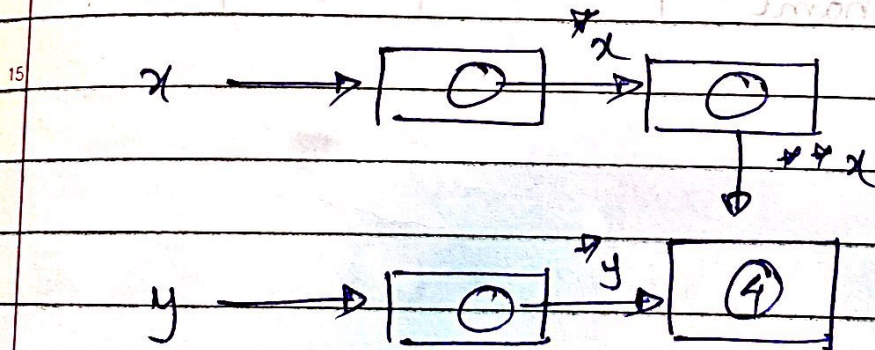
static scope rule: 3, 1

Dynamic scope rule: 3, 4

4. At line 11.



At line 15



Output of program

1

↓

3

**x and *y are aliases of each other.

Q5.

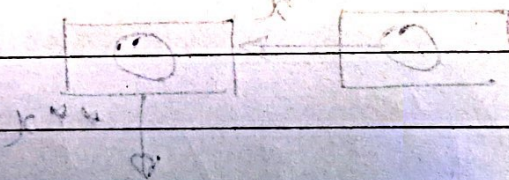
call by

Statement 1	i	a[0]	a[1]	a[2]
call by value	1	2	1	0
call by Reference	1	2	1	0
call by name	0	2	1	2

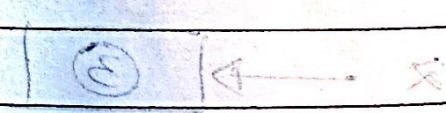
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Statement 2	a[0]	a[1]	a[2]
call by value	2	1	0
call by Reference	2	0	0
call by name	0	1	2

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