

```
int[2][8] a; float b;
```

$(a, \text{array}(2, \text{array}(8, \text{int}), 0))$

stack \*

P

offset=0  
64  
72

D

id  
a

j

top \*

$(b, \text{float}, 64)$   
 $(a, \text{array}(2, \text{array}(8, \text{int}), 0))$

stack \*

T T.type=array(2, array(8, int))  
T.width=64

top.put(a, array(2, array(8, int)), 0)  
offset = 0 + 64 = 64

D

D  
E

int

B B.type=int  
B.width=4

C C.type=array(2, array(8, int))  
C.width=2x32=64

[num]

2

C C.type=array(8, int)  
C.width=8x4=32

[num]

8

B B.type=float  
B.width=8

B B.type=int  
B.width=4

E

float

T T.type=float  
T.width=8

C C.type=float  
C.width=8

E

top \*

top.put(b, float, 64)  
offset = 64 + 8 = 72

$$a = ((c-d)*(-b)+(c+b)) - (d*c) + b;$$

$$t_1 = c - d$$

$$t_2 = -b$$

$$t_3 = t_1 * t_2$$

$$t_4 = c + b$$

$$t_5 = t_3 + t_4$$

$$t_6 = d * c$$

$$t_7 = t_5 - t_6$$

$$t_8 = t_7 + b$$

$$a = t_8$$

generateRandom(seed, seedMod5, seedMod9);

param seed

param seedMod5

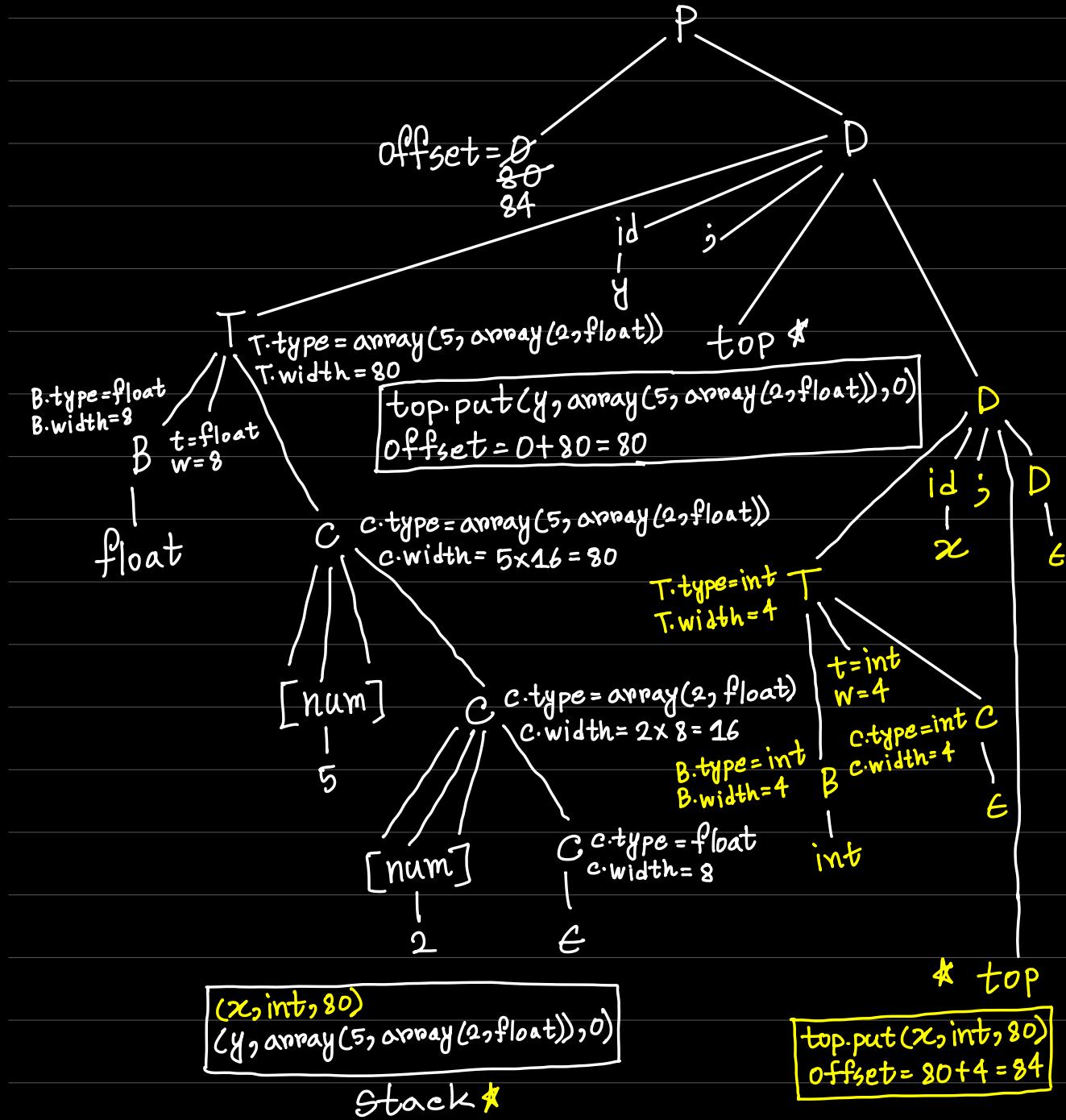
param seedMod9

call generateRandom, 3

```
float[5][2] y; int x;
```

| (y, array(5, array(2, float)), 0) |

## Stack #



$$\chi = ((p-q)^* (-r) + (p+r)) - (q^* p) + r;$$

$$t_1 = (p-q)$$

$$t_2 = -r$$

$$t_3 = t_1 * t_2$$

$$t_4 = p+r$$

$$t_5 = t_3 + t_4$$

$$t_6 = q^* p$$

$$t_7 = t_5 - t_6$$

$$t_8 = t_7 + r$$

$$\chi = t_8$$

generateRandom(seed, seedMod2, seedMod5);

param seed

param seedMod2

param seedMod5

call generateRandom, 3