

Viva

DHARVA-M

IBM19CS049

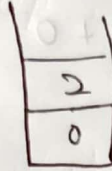
Shubh

Lab - 02/08/200,

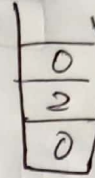
Push (0)



Push (2)



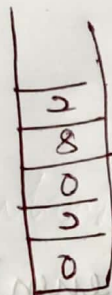
Push (0)



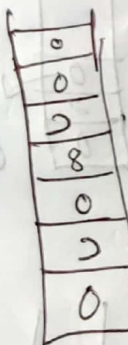
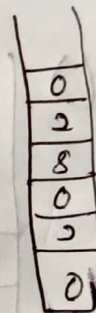
Push (8)



Push (2)

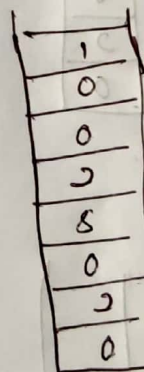


Push (0)

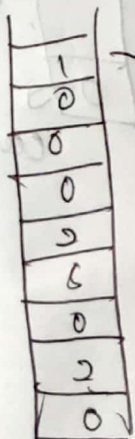


Push (0)

Push (1)

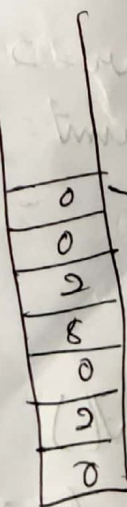


Pop ()



var = 1
(odd)

Pop ()



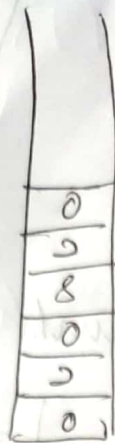
var = 0
(even)

count = count + var

0 + 0

= 0

Pop (1)



Pop (1) (even)

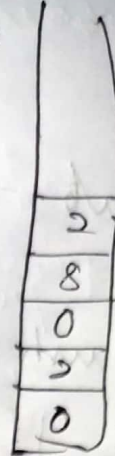
var = 0

count = count + var

= 0 + 0

= 0

Pop (1)



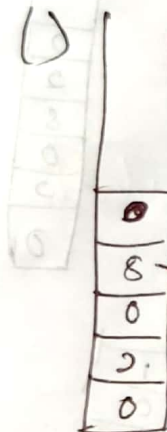
var = 2 (even)

count = count + var

= 0 + 2

= 2

Pop (1)



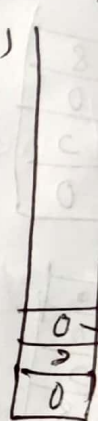
var = 8 (even)

count = count + var

= 2 + 8

= 10

Pop (1)



var = 0

count = 10

= 10

= 10

Pop

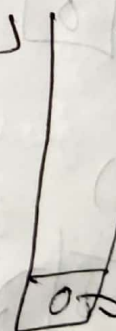


var = 2 (even)

count = 10 + 2

= 12

Pop (1)



var = 0 (even)

count = 12 + 0

= 12

= 12

Empty stack.

void calCount()

int count = 0

int var;

while (top >= 0)

{

ele = stack[top]

top--

if (ele % 2 == 0)

{

count = count + var;

}

}