Uses of Stack Bracket Matching: \rightarrow (6+5) \times (4-2) l 3). 3 -> A Stack of characters. ()Ly push it to the stack. Spening bracket Closing bracket -Lo pop from the stack Ligge same ves => balanced Grype Different => Not halance 2 Expression is complete > Is stack empty? No > Not balanced return balanced Example: $(6+5) \times (4-2)(3)$ balance dpoped read kalanced poped read baranced. poper read Not balanced emping jead

no of Elements ++3

enqueque (4)

enqueue (3)

venv=-15

no of flaments = 0;

int dequeue()

if (is Empty())

Cout < " Queue Underflow Kends;

return;

int val = arr[front];

if (front = = (size-1))

front = o;

else

front ++;

nord Elements --;

ve teen val;

bool is Empty ()

{

if (no of Electron 5 = zo)

return true;

else

return false;

rem front

dequeue(): 5

dequeue(): 5

dequeue(): 2

front = 401

dequeue(): 3

rear = 1