```
Implementation of Stack
1- Pointer inf.
2-Array imp.
 should noge;
typeded my struct Mode & Ptr.
Lypeder Pti Stack;
Struct Node }
  int Data;
  Pro next
stack createStack() }
   Stack si
   S= (stade) malloc(sizeof (struct No le));
   if(s== Null) ?
      Pointfl'Error: out of memory);
     retur -1;
void pash(stack s, int x) {
 ptr.temp.
  temp = (Pti) malloc (sireal (struct No Je)),
 if (temp 1= Null) &
   temp-> Data = x;
    teng->next = S->next;
  5-7 next = temp;
 elge_
void Pop (stack s) &
  Ptr Lemp,
```

ifl is Empty (S)) ? & Pointf(" Ecros: do - tot for empty stack"); Nos teng - S-7 nexti 5.7 next = 8->next ->next. free (temp); int is Empty (shacks) \$ return (S-7next==NULL); int Top (stack S) { ; f(1, is Empty(s)) return s-mext-> Datai else voil main () & Stack s = createStack(); int 1 = 01 whive(i<5) { Push (1)i 441 Pop(5); Porch) Ptr Pi 5-mest = s-7 next - The Ati

RibeltemP

5-mext = s-7 next - The xt;

void makeEmpty (stack s) ? while (litempty (s)) gopes) j

Ptr Pi while (P!=Null) {

Print ("Y)", P-> Daly!

3, 2= P-> next;

Array Durp. of strack.