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Queue Implementation using Stack,
#include < lits/ btdc++.h>
                                 a) bush
using name space std;
                                 b) bob
 Class Jueue {
                                 () beek
                                 d) top
 public:
       stack < int > unbut;
        stack < int > output;
       Queue () {
                                                () output
                                  input
       void helperfunc () {
           if ( out but . embty()) {
             while (!input.empty()){
                 output . push (input . top ());
                 in but .bob();
        void bush (intn) {
           input . push(n);
         int pop() {
            helper func ();
            int val = output. top();
            output . pop();
```

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suturn val;
int beek(){
 helperfunc();
 return output top();
lool empty () {
  return inkut.empty() & & output.empty();
```

```
practice Sheet (10th April, 2025)
a) bush b) pop c) peck d) top
#in clude < lostream>
using namespace std;
 Mass Juene ?
bullic:
        stack (int) input;
        Stack <int> output;
                                                 L) Output
                                  (> Input
        Queue () {
         void helberfunc () {
            if (Outbut. empty()){
            ushile (| unbut. empty ()) {
                Output. push (unbut. top());
               input. pop();
        void kush (int val) {
            intbut. bush (val);
```

```
int bob(){
   helperjunc ();
    int res = outbut.top();
   output. pop();
  return res;
 int beek(){
   helperjunc();
int val = outhut. top();
return val;
 loal empty (){
      reduser Outbut. empty() & unbut. empty;
```