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15. #include <stdio.h>
#include <ctype.h>
char stack[100];
int top = -1;
void push(char c) {
  stack[++top] = c;
}
char pop() {
 return stack[top--];
}
int precedence(char c) {
  if (c == '^{\prime}) return 3;
 if (c == '*' || c == '/') return 2;
  if (c == '+' | | c == '-') return 1;
  return 0;
}
void infixToPostfix(char* expr) {
  char *p = expr;
  while (*p) {
    if (isalnum(*p)) {
```

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printf("%c", *p);
    } else if (*p == '(') {
       push(*p);
    } else if (*p == ')') {
      while (stack[top] != '(')
         printf("%c", pop());
       pop(); // remove '('
    } else {
      while (top != -1 && precedence(stack[top]) >= precedence(*p))
         printf("%c", pop());
       push(*p);
    }
    p++;
  }
  while (top != -1)
    printf("%c", pop());
  printf("\n");
}
int main() {
  char expr[] = "a+b*c";
  printf("Postfix: ");
  infixToPostfix(expr);
  return 0;
}
```

Output Postfix: abc*+ === Code Execution Successful ===