```c
#include<stdio.h>
#include<ctype.h>

char stack[100];
int top = -1;

void push(char x)
{
  stack[++top] = x;
}

char pop()
{
  if(top == -1)
    return -1;
  else
    return stack[top--];
}

int priority(char x)
{
  if(x == '(')
    return 0;
  if(x == '+' || x == '-')
    return 1;
  if(x == '*' || x == '/')
    return 2;
  return 0;
}

int main()
{
  char exp[100];
  char *e, x;
  printf("Enter the expression : ");
  scanf("%s",exp);
  printf("\n");
  e = exp;
```

```c
while(*e != '\0')
{
  if(isalnum(*e))
    printf("%c ",*e);
  else if(*e == '(')
    push(*e);
  else if(*e == ')')
  {
    while((x = pop()) != '(')
      printf("%c ", x);
  }
  else
  {
    while(priority(stack[top]) >= priority(*e))
      printf("%c ",pop());
    push(*e);
  }
  e++;
}

while(top != -1)
{
  printf("%c ",pop());
  return 0;
}
}
```

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C infixtopostfix.c > ⊗ pop()

    1   #include<stdio.h>

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL

Windows PowerShell
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PS C:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS> cd "c:\Users\Rohit deshmukh\O
topostfix }
Enter the expression : d*s+d-(s*l/i)

d s * d + s l * i / -
PS C:\Users\Rohit deshmukh\OneDrive\Desktop\Avantika all data\DS> █