

INFIX TO POSTFIX

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IBM19CS046

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int top = -1

void push (char ch, int n, char stack[])

{

if (top == n-1)

printf ("Stack is full\n");

else

{

top ++;

stack[top] = ch;

}

char pop (char stack[])

{

char ch;

if (top == -1)

printf ("Stack is empty\n");

else

{

ch = stack[top];

top --;

return ch;

}

}

```
int empty ch()
```

```
{
```

```
if (top == -1)
```

```
return
```

```
else
```

```
return
```

```
char stack top (char stack[])
```

```
{
```

```
if (top == -1)
```

```
printf("empty stack\n");
```

```
else
```

```
return stack[top];
```

```
int print, if, char(char ch)
```

```
{
```

```
switch (ch)
```

```
{
```

```
case '+':
```

```
case '-': return(1);
```

```
case '*':
```

```
case '/': return(2);
```

```
case '^': return(3);
```

```
default : return(0);
```

```
}
```