Postfix, infix, prefix İşlemleri

```
static char[] stack = new char[100];
static int sp = -1;
static void push(char ch)
{
    sp++;
    stack[sp] = ch;
}
static char pop()
{
    char ch = stack[sp];
    sp--;
    return ch;
}

static char peek()
{
    return stack[sp];
}

static void Main(string[] args)
{
    string infix = "a*b+c*d";
    string postfix = "";
    push('$');
    string vars = "abcdefghıijklmonopqrstuvwxyz";
    string ops = "$(+-*/";
    int[] ort = new int[6];
    ort[0] = 0; ort[1] = 0;
    ort[2] = 1; ort[3] = 1;
    ort[4] = 2; ort[5] = 2;
```

```
    for (int i = 0; i < infix.Length; i++)
    {
     if (infix[i] == '(')
     {
         push(infix[i]);
         continue;

     }

     if (infix[i] == ')')
     {
         while (peek() != '(')
         {
          postfix += pop();
         }
         continue;

     }

     if (vars.IndexOf(infix[i]) != -1)
     {
         postfix += infix[i];
     }
     else {
         if (ort[ops.IndexOf(peek())] < ort[ops.IndexOf(infix[i])])
         {
          push(infix[i]);
         }
         else
         {
          postfix += pop(); push(infix[i]);
         }
     }


    }

    while (peek() != '$')
    {
     postfix += pop();
    }

    Console.WriteLine(postfix);
    Console.ReadLine();

}
```