9	
	Hindude (stdio.h)
-	It include (atoing h)
	+ unude (blours. h)
	int F (char symbol) stade precedence: F
	10000000 108 12 1000
	Switch (symbol)
	(2)
	Case '+':
	case '-': eveturin 2;
	case '4':
	case / : setion 4;
	((Case M'r. < (123172) 7) di dea
	case 'f': settion 5;
	case (': return by o.)
1	scase #": seturn -1;
	defautt: settion 8.
	3 ((Ind map) pt = (Fatility -) !!
	3 (Japanes = [dal ++ [3]
	int G (char symbol) // uput stoing: G
	\$
-	2 switch (symbol)
59.5	**
	¿ case 't':
	case'-': return 1;
	case'*':
	case '/': rellam 3; in
1	

```
11 (F($[lap])!= 4 (symbol))
else
```

3 deput	Imigd Inigd	janix janj	fried	chas so	roid main ()	5200
	ī	infix booting (xibril still from)	xifin b	chas pentix [as]	5 5 5 5 5 5 5 5 5 5 6 5 5 5 5 6 5 6 5 5 5 5 6	
			expression ("").	56769		Page

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          52
53
                                                                                                if(F(s[top]) != G(symbol))
{
                                                                                                                                s[++top] = symbol;
                                                                                                                               top--;
                                                                  while(s[top] != '#')
{
                                                                                                   postfix [j++] = s[top--];
                                                                    postfix[j] = '\0';
           70 }
        71
72 vo
                                    void main()
                                                                    char infix [20];
char postfix[20];
                                                                   printf("enter a valid infix expression \n");
scanf("%s", infix);
infix_postfix(infix, postfix);
printf(" the postfix expression is \n");
printf("%s", postfix);
```

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► Run O Debug Stop C Share H Save {} Beautify ±
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                                                                                                                                   Language C
                case '$': return 6;
case '(': return 9;
case ')': return 0;
default : return 7;
 34 }
      void infix_postfix (char infix[], char postfix[])
 37 - {
           int top, i , j;
char s[30], symbol;
top =-1;
s[++top]= '#';
           j=0;
for(i=0;i<strlen(infix);i++)
{</pre>
                symbol= infix[i];
                while (F(s[top]) > G(symbol))
                     postfix[j]= s[top--];
                     j++;
                if(F(s[top]) != G(symbol))
                     s[++top] = symbol;
```

