

Program to removing the left recursion from grammar :E->E+T|T

SOLUTION

```
#include<iostream.h>
```

```
#include<string .h>
```

```
#include<conio.h>
```

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

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

```
void main()
```

```
{
```

```
clrscr();
```

```
char g[8];
```

```
cout<<"enter your grammar"<<endl;
```

```
gets(g);
```

```
if (g[0]==g[3])
```

```
cout <<"the grammar is left recursion " <<endl;
```

```
cout<<" grammar after remove left recursion " <<":" <<endl;
```

```
cout<<g[0]<<"->"<<g[7]<<"D"<<endl;
```

```
cout<<"D->"<<g[4]<<g[5]<<"D|" <<"$";
```

```
getch();
```

```
}
```