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akhil@Ubuntu:~/Compiler-Lab/6) Recursive decent parser for a given expression$ gcc recursivedecentparser.c
akhil@Ubuntu:~/Compiler-Lab/6) Recursive decent parser for a given expression$ ./a.out
```

Grammar without left recursion

```
E->TE'
E'->+TE'|e
T->FT'
T'->*FT'|e
F->(E)|i
```

Enter the input expression:i+i

Expressions	Sequence of production rules
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E=TE'	E->TE'
E=FT'E'	T->FT'
E=iT'E'	F->i
E=ieE'	T'->e
E=i+TE'	E'->+TE'
E=i+FT'E'	T->FT'
E=i+iT'E'	F->i
E=i+ieE'	T'->e
E=i+ie	E'->e
E=i+i	

```
akhil@Ubuntu:~/Compiler-Lab/6) Recursive decent parser akhiakhakil@akhakilakakil@a
akhil@Ubuntu:~/Compiler-Lab/6) Recursive decent parser for a given expression$
```