

```
cont_grades.m × conditional.m × electricitybill.m × +
1      % An electricity board charges the following rates to domestic users to
2      % discourage large consumption of energy.
3      % for first 100 units Rs 2.5/unit.
4      % for next 200 units Rs 3/unit.
5      % beyond 300 unuts Rs 4/unit.
6      % all users are charged min Rs 200
7      % if the bill so estimated is above Rs 500, an additional surcharge of 15%
8      % is added.
9      % write a program to read the no of units and print the total electricity
10     % bill.
11
12     units=input("enter the no of units");
13     if(units<=100)
14         bill=units*2.5;
15     elseif(units<=200)
16         bill=100*2.5+(units-100)*3;
17     else
18
```