**Practical No:01**

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**Objective:** WAP to create a class electricity and calculate the bill based on following conditions:

If unit<100 bill=1.20\*unit

If unit<200 bill=(1.20\*100)+ (units-100)\*2

If unit<300 bill=(1.20\*100) + (units-100)\*2 + (units-200)\*3

**Code :**

import java.util.Scanner;

public class \_01\_electricBill {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

System.out.print("Enter the number of units: ");

float units= sc.nextFloat();

float bill= 0.0f;

if(units<100){

bill= 1.20f\*units;

}

else if(units<200){

bill= (1.20f\*100)+ (units-100)\*2;

}

else{

bill = (1.20f\*100) + (units-100)\*2 + (units-200)\*3;

}

System.out.println("The total bill is: "+ bill);

sc.close();

}

}

**Output:**

Enter the number of units: 560

The total bill is: 2120.0