12. **Write a C# program to enter electricity unit charges and calculate the total electricity bill according to the given condition:**  
For first 50 units Rs. 0.50/unit  
For next 100 units Rs. 0.75/unit  
For next 100 units Rs. 1.20/unit  
For unit above 250 Rs. 1.50/unit  
An additional surcharge of 20% is added to the bill

ANSWER:

class Electricty

{

public static void Main(string[] args)

{

Single total = 0;

Double bill = 0;

Double totalbill = 0;

Console.WriteLine("Enter the electricity units consumed");

Single unit = Single.Parse(Console.ReadLine());

if (unit > 250)

{

total = unit - 250;

bill = (total \* 1.50 + 50 \* 0.50 + 100 \* 1.20 + 100 \* 0.75);

totalbill = bill + bill \* 20 / 100;

}

else if (unit > 150)

{

total = unit - 150;

bill = (total \* 1.20 + 50 \* 0.50 + 100 \* 0.75);

totalbill = bill + bill \* 20 / 100;

}

else if (unit > 50)

{

total = unit - 50;

bill = (total \* 0.75 + 50 \* 0.50);

totalbill = bill + bill \* 20 / 100;

}

else

{

bill = (unit \* 0.50);

totalbill = bill + bill \* 20 / 100;

}

Console.WriteLine("Total Bill is " + totalbill);

}

}