Q.7: Write a program to calculate and print the Electricity bill of a given customer. Create variable for customer id, name, unit consumed by the user, bill_amount and print the total amount the customer needs to pay. The charge are as follow :

Unit							Charge/unit
upto	199						@1.20
200	and	above	but	less	than	400	@1.50
400	and	above	but	less	than	600	@1.80
600	and	above					@2.00;

Test		Data		:
id:				1001
name:				James
units:				800
Expected		Output		:
Customer		IDNO		:1001
Customer		Name		:James
unit		Consumed		:800
Amount	Charges	@Rs. 2.00	per unit	: 1600.00
Net	Bill	Amount	:	1600.00

```
void main() {

  int customerID = 1001;

  String customerName = "James";

  int units = 800;

  double charges = 0.0, surcharge = 0.0, totalAmount = 0.0;


  if(units <= 199) {

    charges = units * 1.20;

  }

  else if(units >= 200 && units < 400) {

    charges = units * 1.50;

  }

  else if(units >= 400 && units < 600) {

    charges = units * 1.80;
```

```
  }
  else {
    charges = units * 2.00;
  }
if(charges > 400) {
    surcharge = charges * 0.15;
  }


  totalAmount = charges + surcharge;


  print("Customer IDNO: $customerID");
  print("Customer Name: $customerName");
  print("Unit Consumed: $units");
  print("Amount Charges @Rs. 2.00 per unit: $charges");
  print("Surcharge Amount: $surcharge");
  print("Net Bill Amount: $totalAmount");
}
```