#!/bin/bash

# Prompt the user to enter the customer ID, name, and units consumed

read -p "Enter Customer ID: " customer\_id

read -p "Enter Customer Name: " customer\_name

read -p "Enter Units Consumed: " units\_consumed

# Function to calculate the electricity bill based on unit consumption

calculate\_bill() {

local units=$1

bill\_amount=0

if [ $units -le 199 ]; then

bill\_amount=$((units \* 120))

elif [ $units -le 400 ]; then

bill\_amount=$((199 \* 120 + (units - 199) \* 150))

elif [ $units -le 600 ]; then

bill\_amount=$((199 \* 120 + 201 \* 150 + (units - 400) \* 180))

else

bill\_amount=$((199 \* 120 + 201 \* 150 + 200 \* 180 + (units - 600) \* 200))

fi

echo "Total bill amount for $customer\_name (CustomerID: $customer\_id) is Ksh $bill\_amount"

}

# Call the calculate\_bill function to process the entered units

calculate\_bill $units\_consumed