

Machine Problem No. 2

Maharlika Electric Company

Obtain the following (Input) integer values from the user:

- the **date** broken down into month, day and year (3 variables)
- the current meter reading
- the previous meter reading

Calculate an electric bill based on the following rate & consumption table:

<u>Kilowatt Consumption</u>	<u>Cost</u>
0 - 400 KWH -----	a flat rate of Php 500.00
401 – 1200 KWH -----	Php 500 (base rate) + P3.00 for each KWH over 400 (May – Sept.) or P 2.50 for each KWH over 400 (all other months)
over 1200 KWH -----	calculate the first 1200 KWH according to the formula given above plus 95% of the appropriate seasonal rate for the KWH over 1200

Hint:
This program makes use a C++ Boolean operator, the && (AND) operator. This operator allows you to ask multiple questions in one statement. For example if we were looking for an integer in the range of 1 – 10, the following expression would check for this condition.

```
num >= 1 && num <= 10
```

If both conditions evaluate to true, the entire expression is true. If one or both of the conditions evaluate to false, the entire expression is false.