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| <p>OUTPUT 1<br/>(REGULAR SERVICE)</p> | <pre>Please enter an account number and a service code: 1313 r Please enter the number of minutes used: 100  Account Number: 1313 Type of Service: Regular Service Number of Minutes Used: 100 Your amount due is: RM20.00</pre>  |
| <p>OUTPUT 2<br/>(PREMIUM SERVICE)</p> | <pre>Please enter an account number and a service code: 1313 P Please enter the number of day minutes used: 100 Please enter the number of night minutes used: 100  Account Number: 1313 Type of Service: Premium Service Number of Minutes Used: 200 Your amount due is: RM27.50</pre>   |
| <p>CODING</p>                         | <pre>#include &lt;iostream&gt; #include &lt;iomanip&gt;  using namespace std; int main() {     int accountNumber, regularMinutesUsed,     premiumDayMinutes, premiumNightMinutes;     float totalBill = 0;     char serviceCode;      const float REGULAR_ACCOUNT_FEE = 10.00;     const float REGULAR_RATE = 0.20;     const float PREMIUM_ACCOUNT_FEE = 25.00;     const float PREMIUM_DAY_RATE = 0.10;     const float PREMIUM_NIGHT_RATE = 0.05;      cout &lt;&lt; "Please enter an account number and a service code: ";     cin &gt;&gt; accountNumber &gt;&gt; serviceCode;      switch (serviceCode) {         case 'r':         case 'R':             cout &lt;&lt; "Please enter the number of minutes used: ";             cin &gt;&gt; regularMinutesUsed;             if (regularMinutesUsed &gt; 50) {                 totalBill = ((regularMinutesUsed - 50) * REGULAR_RATE) + REGULAR_ACCOUNT_FEE;             } else {                 totalBill = REGULAR_ACCOUNT_FEE;             }              cout &lt;&lt; "\nAccount Number: " &lt;&lt; accountNumber &lt;&lt; endl;</pre> |

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        cout << "Type of Service: " << "Regular Service" << endl;
        cout << "Number of Minutes Used: " <<
regularMinutesUsed << endl;
        cout << setprecision (2) << fixed << "Your amount due is:
RM" << totalBill << endl;

        break;

        return 1;

    case 'p':
    case 'P':
        cout << "Please enter the number of day minutes used: ";
        cin >> premiumDayMinutes;
        cout << "Please enter the number of night minutes used: ";
        cin >> premiumNightMinutes;
        if (premiumDayMinutes > 75) {
            totalBill = (premiumDayMinutes - 75) *
PREMIUM_DAY_RATE;
        }
        if (premiumNightMinutes > 100) {
            totalBill = (premiumNightMinutes - 100) *
PREMIUM_NIGHT_RATE;
        }
        totalBill += PREMIUM_ACCOUNT_FEE;

        cout << "\nAccount Number: " << accountNumber <<
endl;
        cout << "Type of Service: " << "Premium Service" << endl;
        cout << "Number of Minutes Used: " <<
premiumNightMinutes + premiumDayMinutes << endl;
        cout << setprecision (2) << fixed << "Your amount due is:
RM" << totalBill << endl;

        break;

        default:
            cout << "You have entered an invalid service code" <<
endl;

            return 1;
            break;

        }

        return 0;
    }
}

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