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\* Name: Jihal Patel

\* Student Number: 765697

\* Title: Chapter 7 Test2 Question 1

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\* Teacher Name: Mr. Veera

\* @author Jihal

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import java.util.Scanner; // Imports Scanner for user input

public class Chapter7Test2Question1 {

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\* @param args the command line arguments

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public static void main(String[] args) {

// TODO code application logic here

Scanner input = new Scanner (System.in); // Opens Scanner for user input

int dayMinutes, eveningMinutes, weekendMinutes; // Makes variables for each minutes

System.out.print("Number of daytime minutes? "); // Prompts user for daytime minutes

dayMinutes = input.nextInt(); // Allows user to enter daytime minutes

System.out.print("Number of evening minutes? ");// Prompts user for evening minutes

eveningMinutes = input.nextInt();// Allows user to enter evening minutes

System.out.print("Number of weekend minutes? ");// Prompts user for weekend minutes

weekendMinutes = input.nextInt(); // Allows user to enter weekend minutes

System.out.println(Compare(dayMinutes, eveningMinutes, weekendMinutes)); //Prints out result of Compare() method

}

public static String Compare (int dayMin, int evenMin, int weekMin) { // Makes method calling for 3 int parameters

int planAFreeMin, planAEvenMin=evenMin, planAWeekMin = weekMin, totalA; // Makes variables needed and stores evening / weekend minutes

planAFreeMin = dayMin - 100; //Subtracts free minutes

if (planAFreeMin <= 0) { // If free minutes is less than equal to 0

planAFreeMin = 0; // Make planAFreeMin equal to 0

} else if (planAFreeMin > 0) { //If it's more then 0

planAFreeMin\*=25; //Multiply it by the cents cost for plan A

}

planAEvenMin\*=15; // Multiply evening minutes by it's cost

planAWeekMin\*=20; // Multiply weekend mintues by it's cost

totalA = planAFreeMin + planAEvenMin + planAWeekMin; // Make totalA equal to the total cost for plan A

int planBFreeMin, planBEvenMin=evenMin, planBWeekMin = weekMin, totalB; // Makes variables needed and stores evening / weekend minutes

planBFreeMin = dayMin - 250; // Subtracts free minutes

if (planBFreeMin <= 0) { // If planBFreeMin is less than equal to 0

planBFreeMin = 0; // Make it equal to 0

} else if (planBFreeMin > 0) { // If it's more then 0

planBFreeMin\*=45; // Multiply it by the cents cost for plan B

}

planBEvenMin\*=35; // Multiply evening minutes by it's cost

planBWeekMin\*=25; // Multiply weekend minutes by it's cost

totalB = planBFreeMin + planBEvenMin + planBWeekMin; // Make total of plan B equal to it's cost

if (totalA < totalB) { // If plan a is cheaper then b

return ("Plan A is cheapest."); //Return that plan a is cheaper

} else if (totalB < totalA) { // If plan b is cheaper

return ("Plan B is cheapest."); // Retun plan b is cheaper

} else { // If they are the same price

return ("Both Plans"); // Return both plans

}

}

}