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// Assignment 6 # 3 B

import java.util.Scanner;

public class Quantity

{

public static void main(String[] args)

{

double quantity = 0 ; // The number of Quantity

double price = 99; //The price

double discount = 0; // The discount

double total= 0; //the total

double discountamount; //the answer of discount amount

//Create a scanner object

Scanner keyboard = new Scanner(System.in);

//Get the package purchase

System.out.print("Enter the number of packages purchased :");

quantity = keyboard.nextDouble();

if (quantity < 10)

{

discount = 0.20;

}

else if (quantity < 20)

{

discount = 0.30;

}

else if (quantity < 50)

{

discount = 0.40;

}

else if(quantity < 100)

{

discount = 0.50;

}

//calculate PRICE \* DISCOUNT \* QUANTITY

discountamount = 99 \* quantity \* discount;

//Calculate QUATITY \* PRICE - DISCOUNT

total = quantity \* 99 - discountamount ;

//DISPLAY DISCOUNT AND TOTAL

System.out.println("The discount is " + discountamount + " and your total after a discount is $ " + total + " . " );

}

}