import java.util.Scanner;

/\*

Solution5 program to calculate final payable

amount after certain discount is applied

\*/

public class Solution5 {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.*in*);

// input from user to enter the purchase amount

System.*out*.print("Enter the purchase amount: ");

double purchaseAmount = scanner.nextDouble();

double discount = 0;

// if else condition to determine the discount based on purchase

if (purchaseAmount < 500) {

// No discount

discount = 0;

} else if (purchaseAmount <= 1000) {

// 10% discount

discount = purchaseAmount \* 0.10;

} else {

// 20% discount

discount = purchaseAmount \* 0.20;

}

// final payable amount calculation

double finalAmount = purchaseAmount - discount;

// Results for purchase with discounts

System.*out*.println("Purchase Amount: " + purchaseAmount);

System.*out*.println("Discount: " + discount);

System.*out*.println("Final Payable Amount: " + finalAmount);

}

}

OUTPUT:

Enter the purchase amount: 645

Purchase Amount: 645.0

Discount: 64.5

Final Payable Amount: 580.5