import java. util. Scanner.

public class Insurance {

public static void main (String [] args) {

Scanner scanner = new Scanner (System.in);

// Prompt user for current year and birth year

System.out.print("Enter the current year: ");

int currentYear = scanner. nextInt ();

System.out.print("Enter your birth year: ");

int birthYear = scanner. nextInt ();

// Calculate the premium

int premium = calculatePremium (currentYear, birthYear);

// Display the premium amount

System.out.println("Your annual policy premium is: $" + premium);

scanner. close ();

// Method to calculate the premium

public static int calculatePremium (int currentYear, int birthYear) {

int age = currentYear - birthYear; // Calculate the age

int decades = age / 10; // Get the decades of the age

return (decades + 15) \* 20; // Calculate and return the premium