package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String name = scanner.nextLine();

int age = Integer.parseInt(scanner.nextLine());

double grade = Double.parseDouble(scanner.nextLine());

System.out.printf("Name: %s, Age: %d, Grade: %.2f",name,age,grade);

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

double grade = Double.parseDouble(scanner.nextLine());

if (grade >= 3) {

System.out.println("Passed!");

}

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

double grade = Double.parseDouble(scanner.nextLine());

if (grade >= 3) {

System.out.println("Passed!");

}else System.out.println("Failed!");

}

}

package TechModule;

import java.util.Scanner;

public class Lab {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int hours = Integer.parseInt(scanner.nextLine());

int mins = Integer.parseInt(scanner.nextLine());

mins += 30;

if (mins > 59) {

hours += 1;

mins -= 60;

}

if (hours > 23) {

hours = 0;

}

// if (mins < 10) {

System.out.printf("%d:%02d", hours, mins);

// } else

// System.out.printf("%d:%d", hours, mins);

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int month = Integer.parseInt(scanner.nextLine());

String name = "";

switch (month) {

case 1:

name = "January";

break;

case 2:

name = "February";

break;

case 3:

name = "March";

break;

case 4:

name = "April";

break;

case 5:

name = "May";

break;

case 6:

name = "June";

break;

case 7:

name = "Jule";

break;

case 8:

name = "August";

break;

case 9:

name = "September";

break;

case 10:

name = "October";

break;

case 11:

name = "November";

break;

case 12:

name = "December";

break;

default:

System.out.println("Error!");

}

System.out.println(name);

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String country = scanner.nextLine();

String language = "unknown";

if ("England".equals(country) || "USA".equals(country)) {

language = "English";

} else if ("Spain".equals(country) || "Argentina".equals(country) || "Mexico".equals(country)) {

language = "Spanish";

}

System.out.println(language);

}

}

package ExamPrep;

import java.math.BigInteger;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

String day = scanner.nextLine();

int age = Integer.parseInt(scanner.nextLine());

int price = 0;

if (day.equals("Weekday")) {

if (0 <= age && age <= 18) {

price = 12;

} else if (0 <= age && age <= 64) {

price = 18;

} else if (0 <= age && age <= 122) {

price = 12;

} else {

System.out.println("Error!");

}

} else if (day.equals("Weekend")) {

if (0 <= age && age <= 18) {

price = 15;

} else if (0 <= age && age <= 64) {

price = 20;

} else if (0 <= age && age <= 122) {

price = 15;

} else {

System.out.println("Error!");

}

} else if (day.equals("Holiday")) {

if (0 <= age && age <= 18) {

price = 5;

} else if (0 <= age && age <= 64) {

price = 12;

} else if (0 <= age && age <= 122) {

price = 10;

} else {

System.out.println("Error!");

}

}

if (price!=0){

System.out.printf("%d$", price);

}

}

}

package ExamPrep;

import java.math.BigInteger;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

for (int i = 3; i <= 100; i += 3) {

System.out.println(i);

}

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = Integer.parseInt(scanner.nextLine());

int count = 0;

int sum = 0;

for (int i = 1; i <= 100; i++) {

if (i % 2 != 0){

if (count == n){

break;

}

sum +=i;

System.out.println(i);

count ++;

}

}

System.out.printf("Sum: %d",sum);

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = Integer.parseInt(scanner.nextLine());

int result = 0;

for (int i = 1; i <= 10; i++) {

result = n\*i;

System.out.printf("%d X %d = %d\n",n,i,result);

}

}

}

package ExamPrep;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

int n = Integer.parseInt(scanner.nextLine());

int m = Integer.parseInt(scanner.nextLine());

int result = 0;

for (int i = m; i <= 10; i++) {

result = n \* i;

System.out.printf("%d X %d = %d\n", n, i, result);

}

if (m > 10){

result = n\*m;

System.out.printf("%d X %d = %d\n", n, m, result)

}

}

}

package ExamPrep;

import java.math.BigInteger;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

while (true) {

int number = Integer.parseInt(scanner.nextLine());

if (number % 2 == 0) {

System.out.printf("The number is: %d", Math.abs(number));

return;

} else {

System.out.println("Please write an even number.");

}

}

}

}

package ExamPrep;

import java.math.BigInteger;

import java.util.Scanner;

public class javaAdvanced {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = Integer.parseInt(sc.nextLine());

int sum = 0;

for (int i = 0; i < n; i++) {

System.out.println(2 \* i + 1);

sum += 2 \* i + 1;

}

System.out.printf("Sum: %d%n", sum);

}

}