Задача 1

using System;

namespace plus15minutes

{

class Program

{

static void Main(string[] args)

{

var num = int.Parse(Console.ReadLine());

if (num == 1)

{

Console.WriteLine("one");

}

else if (num == 2)

{

Console.WriteLine("two");

}

else if (num == 3)

{

Console.WriteLine("three");

}

else if (num == 4)

{

Console.WriteLine("four");

}

else if (num == 5)

{

Console.WriteLine("five");

}

else if (num == 6)

{

Console.WriteLine("six");

}

else if (num == 7)

{

Console.WriteLine("seven");

}

else if (num == 8)

{

Console.WriteLine("eight");

}

else if (num == 9)

{

Console.WriteLine("nine");

}

else if (num >= 10)

{

Console.WriteLine("number too big");

}

}

}

}

Задача 2

using System;

namespace plus15minutes

{

class Program

{

static void Main(string[] args)

{

var score = int.Parse(Console.ReadLine());

if (score <= 100)

{

int bonus = 5;

if (score % 2 == 0)

{

Console.WriteLine(bonus + 1);

Console.WriteLine(bonus + score + 1);

}

else if (score % 10 == 5)

{

Console.WriteLine(bonus + 2);

Console.WriteLine(score + bonus + 2);

}

else if (score % 2 == 1)

{

Console.WriteLine(bonus);

Console.WriteLine(score + bonus);

}

}

else if (score <= 1000)

{

double bonus = score \* 0.2;

if (score % 2 == 0)

{

Console.WriteLine(bonus + 1);

Console.WriteLine(score + bonus + 1);

}

else if (score % 10 == 5)

{

Console.WriteLine(bonus + 2);

Console.WriteLine(score + bonus + 2);

}

else if (score % 2 == 1)

{

Console.WriteLine(bonus);

Console.WriteLine(score + bonus);

}

}

else if (score > 1000)

{

double bonus = score \* 0.1;

if (score % 2 == 0)

{

Console.WriteLine(bonus + 1);

Console.WriteLine(score + bonus + 1);

}

else if (score % 10 == 5)

{

Console.WriteLine(bonus + 2);

Console.WriteLine(score + bonus + 2);

}

else if (score % 2 == 1)

{

Console.WriteLine(bonus);

Console.WriteLine(score + bonus);

}

}

}

}

}

Задача 3

using System;

namespace plus15minutes

{

class Program

{

static void Main(string[] args)

{

var sec1 = int.Parse(Console.ReadLine());

var sec2 = int.Parse(Console.ReadLine());

var sec3 = int.Parse(Console.ReadLine());

var sum = sec1 + sec2 + sec3;

if (sum >= 120)

{

var sum2 = sum - 120;

if (sum2 < 10)

Console.WriteLine("2:0" + sum2);

else

Console.WriteLine("2:" + sum2);

}

else if (sum >= 60)

{

var sum3 = sum - 60;

if (sum3 < 10)

Console.WriteLine("1:0" + sum3);

else

Console.WriteLine("1:" + sum3);

}

else if (sum < 60)

{

if (sum < 10)

Console.WriteLine("0:0" + sum);

else

Console.WriteLine("0:" + sum);

}

}

}

}

Задача 4

using System;

namespace ConsoleApp23

{

class Program

{

static void Main(string[] args)

{

var num = double.Parse(Console.ReadLine());

string first = Console.ReadLine();

string second = Console.ReadLine();

if (first == "m")

{

double m = num;

if (second == "m")

{

Console.Write(m + " m");

}

else if (second == "mm")

{

Console.WriteLine(m \* 1000 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(m \* 100 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(m \* 0.000621371192 + " mi");

}

else if (second == "in")

{

Console.WriteLine(m \* 39.3700787 + " in");

}

else if (second == "km")

{

Console.WriteLine(m \* 0.001 + " km");

}

else if (second == "ft")

{

Console.WriteLine(m \* 3.2808399 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(m \* 1.0936133 + " yd");

}

}

else if (first == "mm")

{

double mm = num;

if (second == "m")

{

Console.WriteLine(mm \* 0.001 + " m");

}

else if (second == "mm")

{

Console.WriteLine(mm + " mm");

}

else if (second == "cm")

{

Console.WriteLine(mm \* 0.1 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(mm \* 6.213711919999997e-7 + " mi");

}

else if (second == "in")

{

Console.WriteLine(mm \* 0.0393700787 + " in");

}

else if (second == "km")

{

Console.WriteLine(mm \* 0.000001 + " km");

}

else if (second == "ft")

{

Console.WriteLine(mm \* 0.0032808399 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(mm \* 0.0010936133 + " yd");

}

//: m, mm, cm, mi, in, km, ft, yd

}

else if (first == "cm")

{

double cm = num;

if (second == "m")

{

Console.WriteLine(cm \* 0.01 + " m");

}

else if (second == "mm")

{

Console.WriteLine(cm \* 10 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(cm + " cm");

}

else if (second == "mi")

{

Console.WriteLine(cm \* 6.213711920000008e-6 + " mi");

}

else if (second == "in")

{

Console.WriteLine(cm \* 0.393700787 + " in");

}

else if (second == "km")

{

Console.WriteLine(cm / 100000 + " km");

}

else if (second == "ft")

{

Console.WriteLine(cm \* 0.032808399 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(cm \* 0.010936133 + " yd");

}

}

else if (first == "mi")

{

double mi = num;

if (second == "m")

{

Console.WriteLine(mi \* 1609.34400061469 + " m");

}

else if (second == "mm")

{

Console.WriteLine(mi \* 1609344.000614692 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(mi \* 160934.4000614691 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(mi + " mi");

}

else if (second == "in")

{

Console.WriteLine(mi \* 63359.99995957327 + " in");

}

else if (second == "km")

{

Console.WriteLine(mi \* 1.609344000614692 + " km");

}

else if (second == "ft")

{

Console.WriteLine(mi \* 5280.000010042291 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(mi \* 1760.000003347435 + " yd");

}

}

else if (first == "in")

{

double inch = num;

if (second == "m")

{

Console.WriteLine(inch \* 0.025400000025908 + " m");

}

else if (second == "mm")

{

Console.WriteLine(inch \* 25.40000002590801 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(inch \* 2.540000002590797 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(inch \* 1.578282829289847e-5 + " mi");

}

else if (second == "in")

{

Console.WriteLine(inch + " in");

}

else if (second == "km")

{

Console.WriteLine(inch \* 2.5400000025908e-5 + " km");

}

else if (second == "ft")

{

Console.WriteLine(inch \* 0.0833333335450002 + " ft");

}

else if (second == "yd")

{

double a = Math.Round(inch \* 0.0277777778483333, 11);

Console.WriteLine( a + " yd");

}

}

else if (first == "km")

{

double km = num;

if (second == "m")

{

Console.WriteLine(km \* 1000 + " m");

}

else if (second == "mm")

{

Console.WriteLine(km \* 1000000 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(km \* 100000 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(km \* 0.621371192 + " mi");

}

else if (second == "in")

{

Console.WriteLine(km \* 39370.0787 + " in");

}

else if (second == "km")

{

Console.WriteLine(km + " km");

}

else if (second == "ft")

{

Console.WriteLine(km \* 3280.8399 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(km \* 1093.6133 + " yd");

}

} //: m, mm, cm, mi, in, km, ft, yd

else if (first == "ft")

{

double ft = num;

if (second == "m")

{

Console.WriteLine(ft \* 0.304799999536704 + " m");

}

else if (second == "mm")

{

Console.WriteLine(ft \* 304.799999536704 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(ft \* 30.4799999536704 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(ft \* 1.893939390337211e-4 + " mi");

}

else if (second == "in")

{

Console.WriteLine(ft \* 11.99999996952 + " in");

}

else if (second == "km")

{

Console.WriteLine(ft \* 3.047999995367045e-4 + " km");

}

else if (second == "ft")

{

Console.WriteLine(ft + " ft");

}

else if (second == "yd")

{

Console.WriteLine(ft \* 0.3333333333333333 + " yd");

}

}

else if (first == "yd")

{

double yd = num;

if (second == "m")

{

Console.WriteLine(yd \* 0.9143999986101119 + " m");

}

else if (second == "mm")

{

Console.WriteLine(yd \* 914.3999986101117 + " mm");

}

else if (second == "cm")

{

Console.WriteLine(yd \* 91.43999986101117 + " cm");

}

else if (second == "mi")

{

Console.WriteLine(yd \* 5.68181817101164e-4 + " mi");

}

else if (second == "in")

{

Console.WriteLine(yd \* 35.99999990855988 + " in");

}

else if (second == "km")

{

Console.WriteLine(yd \* 9.143999986101124e-4 + " km");

}

else if (second == "ft")

{

Console.WriteLine(yd \* 3 + " ft");

}

else if (second == "yd")

{

Console.WriteLine(yd + " yd");

}

}

}

}

}

Задача 5

using System;

namespace ConsoleApp24

{

class Program

{

static void Main(string[] args)

{

int num = int.Parse(Console.ReadLine());

if (num < 100)

{

Console.WriteLine("Less than 100");

}

else if (num >= 100 && num <= 200)

{

Console.WriteLine("Between 100 and 200");

}

else if (num > 200)

{

Console.WriteLine("Greater than 200");

}

}

}

}

Задача 6

using System;

namespace ConsoleApp24

{

class Program

{

static void Main(string[] args)

{

double speed = double.Parse(Console.ReadLine());

if (speed <= 10)

{

Console.WriteLine("slow");

}

else if (speed >10 && speed <= 50)

{

Console.WriteLine("average");

}

else if (speed > 50 && speed <= 150)

{

Console.WriteLine("fast");

}

else if (speed > 150 && speed <= 1000)

{

Console.WriteLine("ultra fast");

}

else if (speed > 1000 )

{

Console.WriteLine("extremely fast");

}

}

}

}

Задача 7

using System;

namespace ConsoleApp24

{

class Program

{

static void Main(string[] args)

{

string type = Console.ReadLine();

if (type == "square")

{

double a = double.Parse(Console.ReadLine());

Console.WriteLine(a \* a);

}

else if (type == "rectangle")

{

double a = double.Parse(Console.ReadLine());

double b = double.Parse(Console.ReadLine());

Console.WriteLine(a \* b);

}

else if (type == "circle")

{

double r = double.Parse(Console.ReadLine());

Console.WriteLine(Math.PI \* r \* r);

}

else if (type == "triangle")

{

double a = double.Parse(Console.ReadLine());

double h = double.Parse(Console.ReadLine());

Console.WriteLine(a \* h / 2);

}

}

}

}

Задача 8

using System;

namespace plus15minutes

{

class Program

{

static void Main(string[] args)

{

var num = int.Parse(Console.ReadLine());

if (num == 0)

{

Console.WriteLine("zero");

}

else if (num == 1)

{

Console.WriteLine("one");

}

else if (num == 2)

{

Console.WriteLine("two");

}

else if (num == 3)

{

Console.WriteLine("three");

}

else if (num == 4)

{

Console.WriteLine("four");

}

else if (num == 5)

{

Console.WriteLine("five");

}

else if (num == 6)

{

Console.WriteLine("six");

}

else if (num == 7)

{

Console.WriteLine("seven");

}

else if (num == 8)

{

Console.WriteLine("eight");

}

else if (num == 9)

{

Console.WriteLine("nine");

}

else if (num == 10)

{

Console.WriteLine("ten");

}

else if (num == 11)

{

Console.WriteLine("eleven");

}

else if (num == 12)

{

Console.WriteLine("twelve");

}

else if (num == 13)

{

Console.WriteLine("thirteen");

}

else if (num == 14)

{

Console.WriteLine("fourteen");

}

else if (num == 15)

{

Console.WriteLine("fifteen");

}

else if (num == 16)

{

Console.WriteLine("sixteen");

}

else if (num == 17)

{

Console.WriteLine("seventeen");

}

else if (num == 18)

{

Console.WriteLine("eighteen");

}

else if (num == 19)

{

Console.WriteLine("nineteen");

}

else if (num == 20)

{

Console.WriteLine("twenty");

}

else if (num == 21)

{

Console.WriteLine("twenty one");

}

else if (num == 22)

{

Console.WriteLine("twenty two");

}

else if (num == 23)

{

Console.WriteLine("twenty three");

}

else if (num == 24)

{

Console.WriteLine("twenty four");

}

else if (num == 25)

{

Console.WriteLine("twenty five");

}

else if (num == 26)

{

Console.WriteLine("twenty six");

}

else if (num == 27)

{

Console.WriteLine("twenty seven");

}

else if (num == 28)

{

Console.WriteLine("twenty eight");

}

else if (num == 29)

{

Console.WriteLine("twenty nine");

}

else if (num == 30)

{

Console.WriteLine("thirty");

}

else if (num == 31)

{

Console.WriteLine("tirty one");

}

else if (num == 32)

{

Console.WriteLine("tirty two");

}

else if (num == 33)

{

Console.WriteLine("tirty three");

}

else if (num == 34)

{

Console.WriteLine("tirty four");

}

else if (num == 35)

{

Console.WriteLine("tirty five");

}

else if (num == 36)

{

Console.WriteLine("tirty six");

}

else if (num == 37)

{

Console.WriteLine("tirty seven");

}

else if (num == 38)

{

Console.WriteLine("tirty eight");

}

else if (num == 39)

{

Console.WriteLine("tirty nine");

}

else if (num == 40)

{

Console.WriteLine("forty");

}

else if (num == 41)

{

Console.WriteLine("forty one");

}

else if (num == 42)

{

Console.WriteLine("forty two");

}

else if (num == 43)

{

Console.WriteLine("forty three");

}

else if (num == 44)

{

Console.WriteLine("forty four");

}

else if (num == 45)

{

Console.WriteLine("forty five");

}

else if (num == 46)

{

Console.WriteLine("forty six");

}

else if (num == 47)

{

Console.WriteLine("forty seven");

}

else if (num == 48)

{

Console.WriteLine("forty eight");

}

else if (num == 49)

{

Console.WriteLine("forty nine");

}

else if (num == 50)

{

Console.WriteLine("fifty");

}

else if (num == 51)

{

Console.WriteLine("fifty one");

}

else if (num == 52)

{

Console.WriteLine("fifty two");

}

else if (num == 53)

{

Console.WriteLine("fifty three");

}

else if (num == 54)

{

Console.WriteLine("fifty four");

}

else if (num == 55)

{

Console.WriteLine("fifty five");

}

else if (num == 56)

{

Console.WriteLine("fifty six");

}

else if (num == 57)

{

Console.WriteLine("fifty seven");

}

else if (num == 58)

{

Console.WriteLine("fifty eight");

}

else if (num == 59)

{

Console.WriteLine("fifty nine");

}

else if (num == 60)

{

Console.WriteLine("sixty");

}

else if (num == 61)

{

Console.WriteLine("sixty one");

}

else if (num == 62)

{

Console.WriteLine("sixty two");

}

else if (num == 63)

{

Console.WriteLine("sixty three");

}

else if (num == 64)

{

Console.WriteLine("sixty four");

}

else if (num == 65)

{

Console.WriteLine("sixty five");

}

else if (num == 66)

{

Console.WriteLine("sixty six");

}

else if (num == 67)

{

Console.WriteLine("sixty seven");

}

else if (num == 68)

{

Console.WriteLine("sixty eight");

}

else if (num == 69)

{

Console.WriteLine("sixty nine");

}

else if (num == 70)

{

Console.WriteLine("seventy");

}

else if (num == 71)

{

Console.WriteLine("seventy one");

}

else if (num == 72)

{

Console.WriteLine("seventy two");

}

else if (num == 73)

{

Console.WriteLine("seventy three");

}

else if (num == 74)

{

Console.WriteLine("seventy four");

}

else if (num == 75)

{

Console.WriteLine("seventy five");

}

else if (num == 76)

{

Console.WriteLine("seventy six");

}

else if (num == 77)

{

Console.WriteLine("seventy seven");

}

else if (num == 78)

{

Console.WriteLine("seventy eight");

}

else if (num == 79)

{

Console.WriteLine("seventy nine");

}

else if (num == 80)

{

Console.WriteLine("eighty");

}

else if (num == 81)

{

Console.WriteLine("eighty one");

}

else if (num == 82)

{

Console.WriteLine("eighty two");

}

else if (num == 83)

{

Console.WriteLine("eighty three");

}

else if (num == 84)

{

Console.WriteLine("eighty four");

}

else if (num == 85)

{

Console.WriteLine("eighty five");

}

else if (num == 86)

{

Console.WriteLine("eighty six");

}

else if (num == 87)

{

Console.WriteLine("eighty seven");

}

else if (num == 88)

{

Console.WriteLine("eighty eight");

}

else if (num == 89)

{

Console.WriteLine("eighty nine");

}

else if (num == 90)

{

Console.WriteLine("ninety");

}

else if (num == 91)

{

Console.WriteLine("ninety one");

}

else if (num == 92)

{

Console.WriteLine("ninety two");

}

else if (num == 93)

{

Console.WriteLine("ninety three");

}

else if (num == 94)

{

Console.WriteLine("ninety four");

}

else if (num == 95)

{

Console.WriteLine("ninety five");

}

else if (num == 96)

{

Console.WriteLine("ninety six");

}

else if (num == 97)

{

Console.WriteLine("ninety seven");

}

else if (num == 98)

{

Console.WriteLine("ninety eight");

}

else if (num == 99)

{

Console.WriteLine("ninety nine");

}

else if (num == 100)

{

Console.WriteLine("one hundret");

}

else

Console.WriteLine("number too big");

}

}

}