//Task4\_1.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

double a;

Console.Write("Insert Double Number : ");

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

if (a <= 2004)

{Console.WriteLine("Small number");}

else { Console.WriteLine("Big number"); }

}

}

}

//Task4\_2.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

char a;

Console.Write("Are you happy? (Y/N) : ");

a = Console.ReadKey(false).KeyChar;

Console.WriteLine();

switch (a)

{

case 'y':

case 'Y':

Console.WriteLine("Yes");

break;

default:

Console.WriteLine("No");

break;

}

}

}

}

//Task4\_3.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

char a;

Console.Write("Are you happy? (Y/N) : ");

a = Console.ReadKey(false).KeyChar;

Console.WriteLine();

switch (a)

{

case 'y':

case 'Y':

Console.WriteLine("Yes");

break;

case 'n':

case 'N':

Console.WriteLine("No");

break;

default:

Console.WriteLine("Wrong input");

break;

}

}

}

}

//Task4\_4.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a;

Console.Write("Your age: ");

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

if (a < 6)

{ Console.WriteLine("You are young and talented."); }

else if (a >= 6 && a <= 80)

{ Console.WriteLine("You know how to write programs"); }

else if (a>80)

{ Console.WriteLine("Although you are old, you can write programs"); }

}

}

}

//Task4\_5.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a;

Console.Write("Input temperature in Celcius: ");

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

if (a > 39)

{ Console.WriteLine("Too hot"); }

else if (a >= 11 && a <= 39)

{ Console.WriteLine("Warm"); }

else if (a >= 0 && a <= 10)

{ Console.WriteLine("Mild"); }

else if (a >= -30 && a <= -1)

{ Console.WriteLine("Cold"); }

else if (a < -30)

{ Console.WriteLine("Too Cold"); }

}

}

}

//Task4\_6.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a;

do

{

Console.Write("Your grade: ");

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

Console.WriteLine();

switch (a)

{

case 5:

case 4:

Console.WriteLine("Good");

break;

case 3:

Console.WriteLine("Reasonable");

break;

case 2:

case 1:

Console.WriteLine("Satisfactory");

break;

case 0:

Console.WriteLine("Failed");

break;

default:

Console.Write("Your grade: ");

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

break;

}

} while (a < 0 || a > 5);

}

}

}

//Task4\_7.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a; int b;

Console.Write("Input first integer values: ");

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

Console.Write("Input second integer values: ");

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

int c = a + b;

Console.WriteLine("{0} + {1} = {2}",a,b,c);

}

}

}

//Task4\_8.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] words)

{

Console.Write("Type something : ");

char word = Console.ReadKey(false).KeyChar;

Console.WriteLine();

{ if (word >= 97 && word <= 122)

{ Console.WriteLine("Lowercase."); }

else if (word >= 65 && word <= 90)

{ Console.WriteLine("Uppercase."); }

else { Console.WriteLine("Other character."); }

}

}

}

}

//Task4\_9.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a = 1;

while (a <= 5)

{ Console.Write(a);a++;}

}

}

}

//Task4\_10.cs

namespace My\_own\_program

{

class Program

{

static void Main(string[] args)

{

int a = 5;

while (a >= -5)

{ Console.Write(a);a--;}

}

}

}

//Task4\_11.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a;

do

{

Console.Write("Your math grade: ");

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

Console.WriteLine();

} while (a < 0 || a > 5);

int b;

do

{

Console.Write("Your science grade: ");

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

Console.WriteLine();

} while (b < 0 || b > 5);

int c;

do

{

Console.Write("Your physics grade: ");

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

Console.WriteLine();

} while (c < 0 || c > 5);

int d;

do

{

Console.Write("Your programming grade: ");

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

Console.WriteLine();

} while (d < 0 || d > 5);

int e;

do

{

Console.Write("Your biology grade: ");

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

Console.WriteLine();

} while (e < 0 || e > 5);

int f = (a + b + c + d + e) / 5;

Console.WriteLine("Your average grade is "+ f);

}

}

}

//Task4\_12.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a;

do

{

Console.Write("Insert a temprature in Celcius: ");

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

if (a <= -30.1 || a >= 34.7) { Console.WriteLine("ERROR"); }

else if (a >= -30.1 || a <= 34.7) { Console.WriteLine("Temprature is in range"); }

} while (a < -30.1 || a > 34.7);

}

}

}

//Task4\_13.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a = 0;

do

{

a = a + 2;

Console.WriteLine(a);

} while (a<12);

}

}

}

//Task4\_14.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

double a = 2.5;

int b = 0;

double c = 0;

do

{

b = b + 1;

c = b \* a;

Console.WriteLine("{0} x {1} = {2}",a,b,c);

} while (c<25);

}

}

}

//Task4\_15.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int i = 0;int a;

Console.Write("Insert how many value: ");

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

do

{

i = i + 1;

Console.WriteLine(i);

} while (i < a);

}

}

}

//Task4\_16.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a = 2;

int b = 0;

do

{

Console.WriteLine(a);

b = b + 1;

a = a + b;

} while (a <= 23);

}

}

}

//Task4\_17.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

for (int i = 4; i <= 9; i = i + 1)

{

Console.WriteLine(i);

}

}

}

}

//Task4\_18.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

for (int i = 0; i <= 10; i = i + 1)

{

Console.Write(i);

if (i < 10) { Console.Write(","); }

}

Console.WriteLine();

}

}

}

//Task4\_19.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a;int b; int c;

Console.Write("Input value a:");

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

Console.Write("Input value b:");

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

Console.Write("Input value c:");

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

Console.WriteLine(a);

do

{

a = a + c;

Console.WriteLine(a);

} while (a < b&& c > 0);

}

}

}

//Task4\_20.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int i=1;

int b = 4;

int j = 0;

j = i + b;

Console.WriteLine("{0} {1}", i, j);

do

{

b = b + 2;

i = i + 1;

j =i+b;

Console.WriteLine("{0} {1}", i, j);

} while (i < 4);

}

}

}

//Task4\_21.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int i = 0;

do

{

i = i + 1;

Console.WriteLine(i);

if (i == 4) { goto Found; }

} while (i <= 10);

Found:

Console.WriteLine();

}

}

}

//Task4\_22.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int i=1;

while (i <= 7)

{

i = i + 1;

Console.WriteLine(i);

}

}

}

}

//Task4\_23.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int i = 0;

Found:

i = i + 1;

{

Console.WriteLine(i);

if (i < 6) { goto Found; }

}

}

}

}

//Task4\_24.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a;

do

{

Console.Write("Input day in term of number (Monday = 1): ");

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

Console.WriteLine();

switch (a)

{

case 7:

Console.WriteLine("It is sunday");

break;

case 6:

Console.WriteLine("It is saturday");

break;

case 5:

Console.WriteLine("It is friday");

break;

case 4:

Console.WriteLine("It is thursday");

break;

case 3:

Console.WriteLine("It is wednesday");

break;

case 2:

Console.WriteLine("It is tuesday");

break;

case 1:

Console.WriteLine("It is monday");

break;

}if (a < 0 || a > 7)

{ Console.WriteLine("ERROR Input number from 1-7"); }

} while (a < 0 || a > 7);

}

}

}

//Task4\_25.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] args)

{

int a;

do

{

Console.Write("Input day in term of number (Monday = 1): ");

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

Console.WriteLine();

switch (a)

{

case 7:

case 6:

Console.WriteLine("It is weekend");

break;

case 5:

case 4:

case 3:

case 2:

case 1:

Console.WriteLine("It is working day");

break;

}

if (a < 0 || a > 7)

{ Console.WriteLine("ERROR Input number from 1-7"); }

} while (a < 0 || a > 7);

}

}

}

//Task4\_8\_String.cs

namespace MyPrograms

{

class Program

{

static void Main(string[] words)

{

Console.WriteLine("Type something : ");

String word = Console.ReadLine();

if (word.Equals(word.ToUpper()))

{ Console.WriteLine("Uppercase"); }

else if (word.Equals(word.ToLower()))

{ Console.WriteLine("Lowercase"); }

else { Console.WriteLine("Other words"); }

}

}

}