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Programmation orienté objet

420-3A4-RA, gr.0001

Cas Pointage Golf

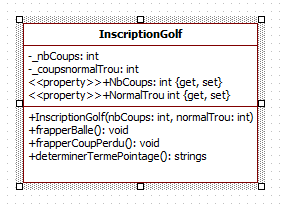
Travail présenté à

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InscriptionGolf

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Golf\_Affaires

{

public class InscriptionGolf

{

private int \_coupsNormalTrou;

private int \_nbCoups;

public int CoupsNormalTrou

{

get { return \_coupsNormalTrou; }

set { \_coupsNormalTrou = value; }

}

public int NbCoups

{

get { return \_nbCoups; }

set { \_nbCoups = value; }

}

public InscriptionGolf(int coupsNormalTrou)

{

\_coupsNormalTrou = coupsNormalTrou;

\_nbCoups = 0;

}

public void frapperBalle()

{

\_nbCoups += 1;

}

public void frapperCoupPerdu()

{

\_nbCoups += 2;

}

public string determinerTermePointage()

{

string TermeFrancais;

if (\_nbCoups - \_coupsNormalTrou == -2)

TermeFrancais = "Aigle";

else

if (\_nbCoups - \_coupsNormalTrou == -1)

TermeFrancais = "Oiselet";

else

if (\_nbCoups - \_coupsNormalTrou == 0)

TermeFrancais = "Normal";

else

if (\_nbCoups - \_coupsNormalTrou == 1)

TermeFrancais = "Bogey";

else

if (\_nbCoups - \_coupsNormalTrou == 2)

TermeFrancais = "Double bogey";

else

if (\_nbCoups - \_coupsNormalTrou == 3)

TermeFrancais = "Triple bogey";

else

TermeFrancais = "";

return TermeFrancais;

}

}

}

Program.cs

using Golf\_Affaires;

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Golf\_Console

{

class Program

{

static void Main(string[] args)

{

InscriptionGolf trou1 = new InscriptionGolf(3);

trou1.frapperBalle();

trou1.frapperBalle();

Console.WriteLine("Pour le trou #1 la balle a été entré en {0} coups ,donc ses un {1}. ", trou1.NbCoups, trou1.determinerTermePointage());

InscriptionGolf trou3 = new InscriptionGolf(5);

trou3.frapperBalle();

trou3.frapperCoupsPerdu();

trou3.frapperBalle();

trou3.frapperBalle();

trou3.frapperBalle();

Console.WriteLine("Pour le trou #3 la balle a été entré en {0} coups ,donc ses un {1}. ", trou3.NbCoups, trou3.determinerTermePointage());

Console.ReadLine();

}

}

}