using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApplication2

{

public class Xe

{

protected string TenHang { set; get; }

protected int MaSoKhung { set; get; }

protected string MauSac { set; get; }

protected string MauXe { set; get; }

protected int GiaTien { set; get; }

public Xe()

{

TenHang = "Yamaha";

MaSoKhung = 0;

MauSac = "red";

MauXe = "Exciter";

GiaTien = 0;

}

public Xe(string TenHang, int MaSoKhung, string MauSac, string MauXe, int GiaTien)

{

this.TenHang = TenHang;

this.MaSoKhung = MaSoKhung;

this.MauSac = MauSac;

this.MauXe = MauXe;

this.GiaTien = GiaTien;

}

public virtual void Nhap()

{

int answer1;

Console.WriteLine("1.Honda");

Console.WriteLine("2.Yamaha");

Console.WriteLine("3.Suzuki");

Console.WriteLine("4.SYM");

Console.WriteLine("5.Vespa");

Console.WriteLine("6.Pjaggio");

do

{

Console.Write("Nhap Ten Hang: ");

answer1 = int.Parse(Console.ReadLine());

} while (answer1 > 7 || answer1 < 0);

switch (answer1)

{

case 1: { TenHang = "Honda"; break; }

case 2: { TenHang = "Yamaha"; break; }

case 3: { TenHang = "Suzuki"; break; }

case 4: { TenHang = "SYM"; break; }

case 5: { TenHang = "Vespa"; break; }

case 6: { TenHang = "Pjaggio"; break; }

}

Console.Clear();

Console.Write("Nhap Ma So Khung Xe: ");

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

Console.Clear();

int answer2;

Console.WriteLine("1.Red");

Console.WriteLine("2.Red Blue");

Console.WriteLine("3.Blue");

Console.WriteLine("4.Bule White");

Console.WriteLine("5.Yellow");

Console.WriteLine("6.Gray");

Console.WriteLine("7.Type your car's colour if it doesn't exist in table above");

do

{

Console.Write("What's your number: ");

answer2 = int.Parse(Console.ReadLine());

} while (answer2 > 7 || answer2 < 0);

switch (answer2)

{

case 1: { MauSac = "Red"; break; }

case 2: { MauSac = "Red Blue"; break; }

case 3: { MauSac = "Blue"; break; }

case 4: { MauSac = "Blue White"; break; }

case 5: { MauSac = "Yellow"; break; }

case 6: { MauSac = "Gray"; break; }

case 7:

{

{

Console.Write("What is your car's colour: ");

MauSac = Console.ReadLine();

} break;

}

}

Console.Clear();

int answer3;

Console.WriteLine("1.Air Blade");

Console.WriteLine("2.Future");

Console.WriteLine("3.Winner");

Console.WriteLine("4.SH");

Console.WriteLine("5.Exciter");

Console.WriteLine("6.Sirius");

Console.WriteLine("7.Nhap mau xe cua ban neu khong co trong bang ");

do

{

Console.Write("What is your number: ");

answer3 = int.Parse(Console.ReadLine());

} while (answer3 > 7 || answer3 < 0);

switch (answer3)

{

case 1: { MauXe = "Air Blade"; break; }

case 2: { MauXe = "Future"; break; }

case 3: { MauXe = "Winner"; break; }

case 4: { MauXe = "SH"; break; }

case 5: { MauXe = "SH"; break; }

case 6: { MauXe = "Sirius"; break; }

case 7: {

{

Console.Write("Ten mau xe la: ");

MauXe= Console.ReadLine();

}break;

}

}

Console.Clear();

Console.Write("Nhap Gia Tien Cua Xe: ");

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

}

public override string ToString()

{

return TenHang + "\t\t" + MaSoKhung + "\t\t" + MauSac + "\t" + MauXe + "\t" + GiaTien;

}

}

public class XeGanMay : Xe

{

public override void Nhap()

{

base.Nhap();

}

public override string ToString()

{

return base.ToString();

}

}

public class XeTayGa : Xe

{

public override void Nhap()

{

base.Nhap();

}

public override string ToString()

{

return base.ToString();

}

}

public class XeConTay : Xe

{

public override void Nhap()

{

base.Nhap();

}

public override string ToString()

{

return base.ToString();

}

}

public class XeMoTo : Xe

{

public override void Nhap()

{

base.Nhap();

}

public override string ToString()

{

return base.ToString();

}

}

public class QLXE

{

public int n, i;

List<Xe> list = new List<Xe>();

public void NhapDS()

{

Xe x = new Xe();

int ans;

Console.WriteLine("1.Xe Gan May");

Console.WriteLine("2.Xe Tay Ga");

Console.WriteLine("3.Xe Con Tay");

Console.WriteLine("4.Xe Mo to");

do

{

Console.Write("Ban Muon Chon Loai Xe Nao? ");

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

} while (n >5 || n > 0);

switch (ans)

{

case 1: { x = new XeGanMay(); break; }

case 2: { x = new XeTayGa(); break; }

case 3: { x = new XeConTay(); break; }

case 4: { x = new XeMoTo(); break; }

}

Console.Clear();

x.Nhap();

list.Add(x);

}

public void XuatDS()

{

Console.Clear();

Console.WriteLine("\tBang Thong Tin Cu The");

//Console.WriteLine("Ten Hang" + "\t" + "Ma So Khung" + "\t" + "Mau Sac" + "\t\t" + "Mau Xe" + "\t\t" + "Gia Tien");

foreach (Xe x in list)

Console.WriteLine(x);

}

}

class Program

{

static void Main(string[] args)

{

QLXE ql = new QLXE();

ql.NhapDS();

ql.XuatDS();

}

}

}