Namespace csharp_test

Classes

<u>App</u>

Car

自動車を表す抽象クラス

<u>PassengerCar</u>

乗用車を表すクラス

<u>Taxi</u>

タクシークラス

<u>Truck</u>

トラックを表すクラス

Class App

```
Namespace: <u>csharp_test</u>
Assembly: csharp_test.dll
```

```
public class App
```

Inheritance

<u>object</u>

✓ App

Inherited Members

Methods

Main(string[])

```
public static void Main(string[] args)
```

Parameters

args <u>string</u> □ []

Class Car

```
Namespace: <u>csharp_test</u>
Assembly: csharp_test.dll
```

自動車を表す抽象クラス

```
public abstract class Car
```

Inheritance

<u>object</u>

✓ Car

Derived

PassengerCar, Taxi, Truck

Inherited Members

Constructors

Car(string, int, int)

```
public Car(string name, int displacement, int maxSpeed)
```

Parameters

```
name <u>string</u>☑

displacement <u>int</u>☑

maxSpeed <u>int</u>☑
```

Properties

Displacement

```
public int Displacement { get; set; }
Property Value
<u>int</u>♂
MaxSpeed
 public int MaxSpeed { get; set; }
Property Value
<u>int</u>♂
Name
 public string Name { get; set; }
Property Value
Methods
Run()
 public abstract void Run()
ShowInfo()
 public void ShowInfo()
```

Class PassengerCar

public override void Run()

```
Namespace: csharp test
Assembly: csharp_test.dll
乗用車を表すクラス
 public class PassengerCar : Car
Inheritance
<u>object</u> ✓ ← <u>Car</u> ← PassengerCar
Inherited Members
Car.Name, Car.Displacement, Car.MaxSpeed, Car.ShowInfo(), object.ToString() ,
object.Equals(object) ♂, object.Equals(object, object) ♂, object.ReferenceEquals(object, object) ♂,
Constructors
PassengerCar(string, int, int)
 public PassengerCar(string name, int displacement, int maxSpeed)
Parameters
name <u>string</u> ♂
displacement <u>int</u>♂
maxSpeed <u>int</u>♂
Methods
Run()
```

Class Taxi

```
Namespace: <u>csharp test</u>
Assembly: csharp_test.dll
タクシークラス
  public class Taxi : Car
Inheritance
Inherited Members
\underline{Car.Name} \text{ , } \underline{Car.Displacement} \text{ , } \underline{Car.MaxSpeed} \text{ , } \underline{Car.ShowInfo()} \text{ , } \underline{object.ToString()} \underline{r} \text{ , } \\
object.Equals(object) ♂, object.Equals(object, object) ♂, object.ReferenceEquals(object, object) ♂,
Constructors
Taxi(int, int, int, string)
  public Taxi(int fare, int fee, int speed, string name)
Parameters
fare int♂
fee int♂
speed <u>int</u>♂
```

Properties

name <u>string</u> ♂

Fare

```
public int Fare { get; set; }

Property Value
int

Fee

public int Fee { get; set; }

Property Value
int

int
```

Methods

Run()

public override void Run()

Class Truck

```
Namespace: <u>csharp test</u>
Assembly: csharp_test.dll
トラックを表すクラス
public class Truck : Car
Inheritance
```

Inherited Members

 $\underline{Car.Name}, \underline{Car.Displacement}, \underline{Car.MaxSpeed}, \underline{Car.ShowInfo()}, \underline{object.ToString()} \underline{r}, \underline{object.Equals(object)} \underline{r}, \underline{object.Equals(object, object)} \underline{r}, \underline{object.ReferenceEquals(object, object)} \underline{r}, \underline{object.GetHashCode()} \underline{r}, \underline{object.GetType()} \underline{r}, \underline{object.MemberwiseClone()} \underline{r}$

Constructors

```
Truck()
```

public Truck()

Methods

Run()

public override void Run()