

Assignment-3

MID=M1082972

```
using System;
```

```
public abstract class vehicle
{
    public string make;
    public string power_capacity;
    public string colour;

    public vehicle(string m,string p,string c)
    {
        make = m;
        power_capacity = p;
        colour = c;
    }
    public virtual void display()
    {
        Console.WriteLine("Brand:" + make);
        Console.WriteLine("power capacity:" + power_capacity);
        Console.WriteLine("colour:" + colour);
    }
}
public class twowheeler : vehicle
{
    public string battery;

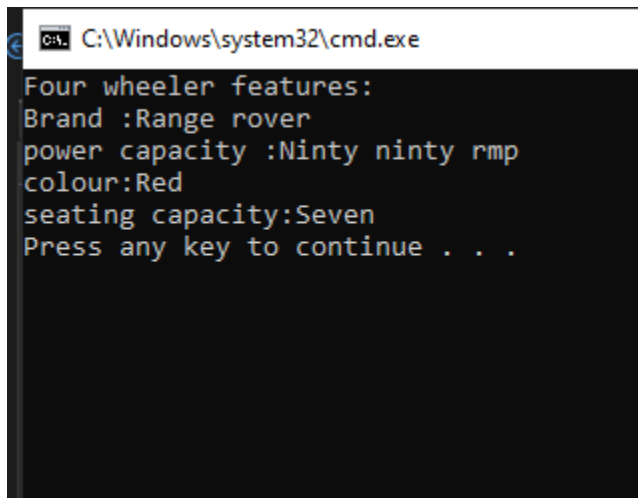
    public twowheeler(string m, string p, string c, string b) : base(m, p, c)
    {
        battery = b;
    }
    public override void display()
    {
        Console.WriteLine("Two wheeler Features ");
        Console.WriteLine("Brand :" + make);
        Console.WriteLine("power capacity :" +power_capacity);
        Console.WriteLine("colour:" + colour);
        Console.WriteLine("Battery model:" + battery);
    }
}
public class fourwheeler : vehicle
{
    public string seating_capacity;
    public fourwheeler(string m, string p, string c, string s) : base(m, p,
c)
    {
        seating_capacity = s;
    }
    public override void display()
    {
        Console.WriteLine("Four wheeler features:");
        Console.WriteLine("Brand :" + make);
        Console.WriteLine("power capacity :" + power_capacity);
        Console.WriteLine("colour:" + colour);
        Console.WriteLine("seating capacity:" + seating_capacity);
    }
}
```

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```
public static void Main(string[] args)
{
    twowheeler t = new twowheeler("MT15", "Two hundred CC", "Blue",
    "Delmax pro");
    fourwheeler f = new fourwheeler("Range rover", "Ninty ninty rmp",
    "Red", "Seven");
    f.display();
}
}
```

OUTPUT



```
C:\Windows\system32\cmd.exe
Four wheeler features:
Brand :Range rover
power capacity :Ninty ninty rmp
colour:Red
seating capacity:Seven
Press any key to continue . . .
```