

```

dynamic a = new { A = 1, B = 2 };
Console.WriteLine("a.A=" + a.A);

dynamic b = new Dictionary<string,int>();
b["A"] = 6;
Console.WriteLine("b[\"A\"]=" + b["A"]);
//Following opration is not supported
//b.A=6;
//Console.WriteLine("b[\"A\"]=" + b.A);

var c = func();
Console.WriteLine("c[0].A=" + c[0].A);
//Access c[0].UnknowProperty will cause a RuntimeBinderException

dynamic test = new TestClass();
test.P1 = 34;
test.P2 = func();
Console.WriteLine("test.P1=" + test.P1);
Console.WriteLine("test.P2[1].B=" + test.P2[1].B);

static dynamic[] func()
{
    return new dynamic[]{new
    {
        A = 124,
        B = 345
    },new
    {
        A = 2345,
        B = 890
    }
    };
}

public class TestClass
{
    public int P1 { get; set; }

    public dynamic P2 { get; set; }
}

```

```

[Serializable]
public class DynamicObject : IDynamicMetaObjectProvider
{
    protected DynamicObject();
}

```

```
public virtual IEnumerable<string> GetDynamicMemberNames();

public virtual DynamicMetaObject GetMetaObject(Expression parameter);

public virtual bool TryBinaryOperation(BinaryOperationBinder binder, object arg, o

public virtual bool TryConvert(ConvertBinder binder, out object result);

public virtual bool TryCreateInstance(CreateInstanceBinder binder, object[] args,

public virtual bool TryDeleteIndex>DeleteIndexBinder binder, object[] indexes);

public virtual bool TryDeleteMember>DeleteMemberBinder binder);

public virtual bool TryGetIndex(GetIndexBinder binder, object[] indexes, out objec

public virtual bool TryGetMember(GetMemberBinder binder, out object result);

public virtual bool TryInvoke(InvokeBinder binder, object[] args, out object resul

public virtual bool TryInvokeMember(InvokeMemberBinder binder, object[] args, out

public virtual bool TrySetIndex(SetIndexBinder binder, object[] indexes, object va

public virtual bool TrySetMember(SetMemberBinder binder, object value);

public virtual bool TryUnaryOperation(UnaryOperationBinder binder, out object resu

}
```