```
public class AA {
    private int x;

    public AA() { this.x = 4; }
    public AA(int x) { this.x = x; }
    public int GetX() { return this.x; }
    public virtual void Foo() { this.x = 3; }
    public virtual void Goo() { this.x = x + 3; }
    public void Bar() { Goo(); }
    public override string ToString() { return "x = " + this.x; }
}
-----------------------------------------------------------------------------------------------------------------------------
public class BB : AA {
    private int y;

    public BB()  : base() {
        this.y = 2;
    }
    public BB (int a) : base (a) {
        this.y = GetX() * 2;
    }
    public BB(int a, int b) : base(a) {
        this.y = b;
    }
    public int GetY() { return this.y; }
    public override void Foo() { this.y = 5; }
    public override void Goo() { this.y = GetX() – 1; }
    public void Bar (int a) {
        this.y = a + GetX() + this.y;
    }
    public override string ToString() {
        return base.ToString() + "  y = " + this.y;
    }
}
```

```
AA[] items = new AA[6];
items[0] = new AA();
items[1] = new BB();
items[2] = new AA(2);
items[3] = new BB(2);
items[4] = new BB(1, 22);
items[5] = items[4];
for (int i = 0; i < items.Length; i++)
    Console.WriteLine(items[i]);
```

ציירו את העצמים שנוצרו, וכתבו מה הקוד מדפיס.

ב. לפניכם המשך קטע הקוד:

```
items[0].Foo();
items[1].Goo();
((AA) items[3]).Goo();
items[4].Bar();
BB temp = new BB(1);
temp.Bar();
Console.WriteLine("Temp: " + temp);
temp.Bar(9);
items[2] = temp;
for (int i = 0; i < items.Length; i++)
    Console.WriteLine(items[i]);
```

כתבו מה הקוד מדפיס.