

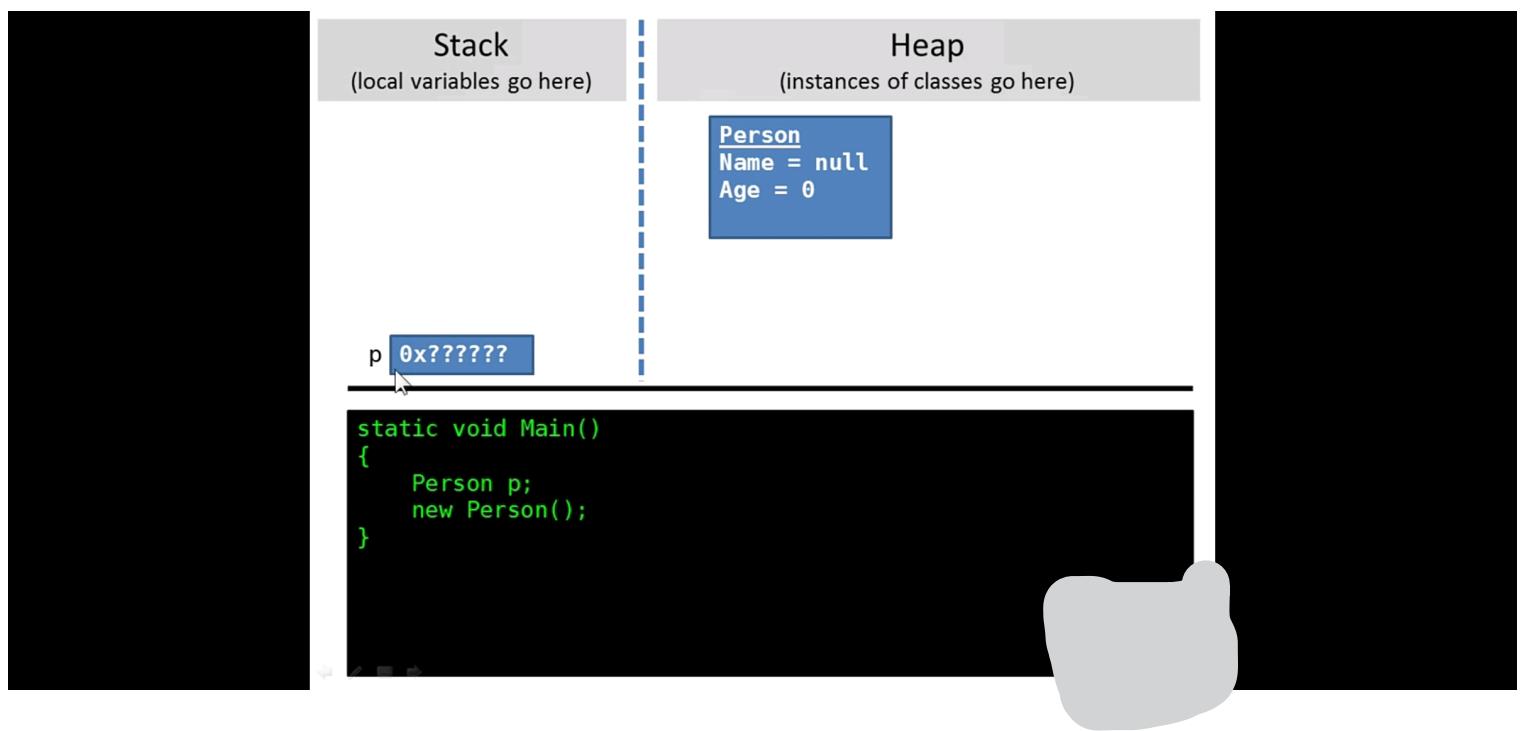
Overview

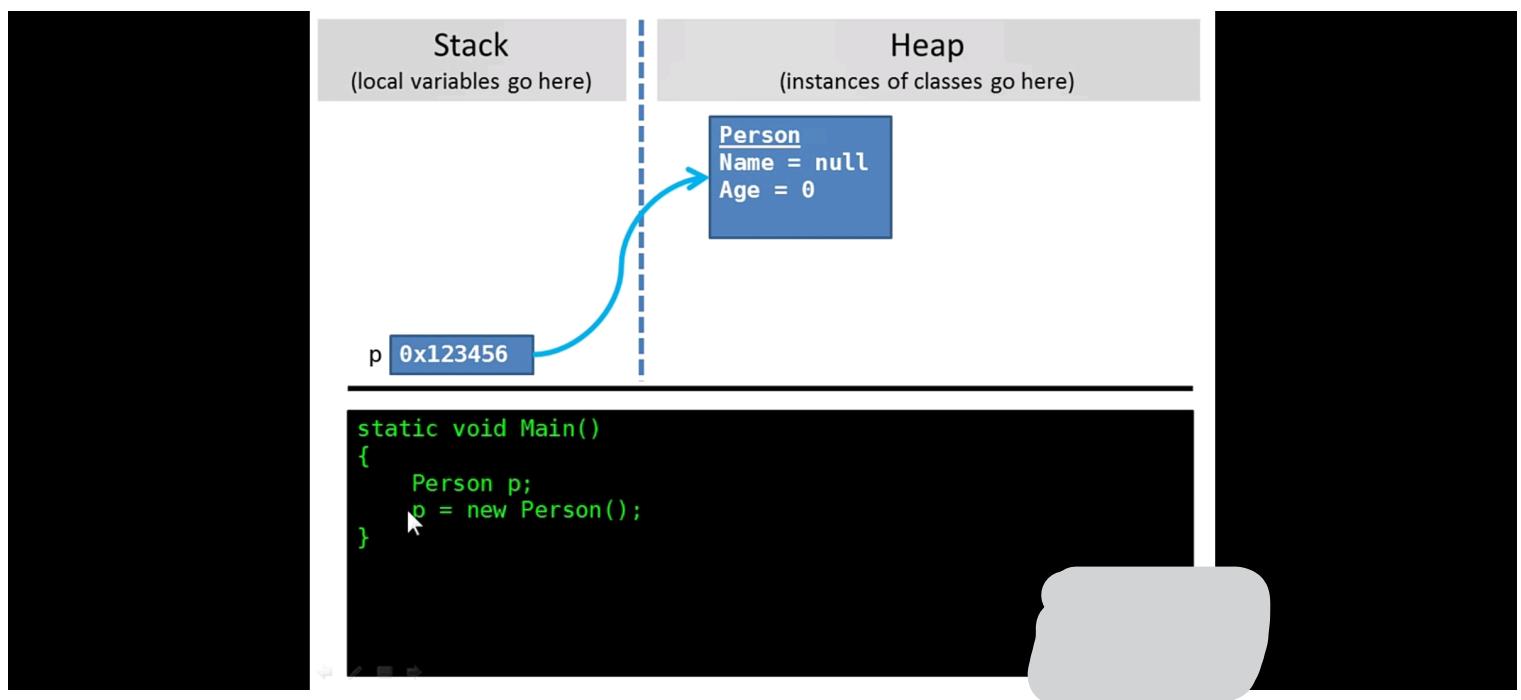
- Stack
 - Local variables
- Heap
 - Class instances

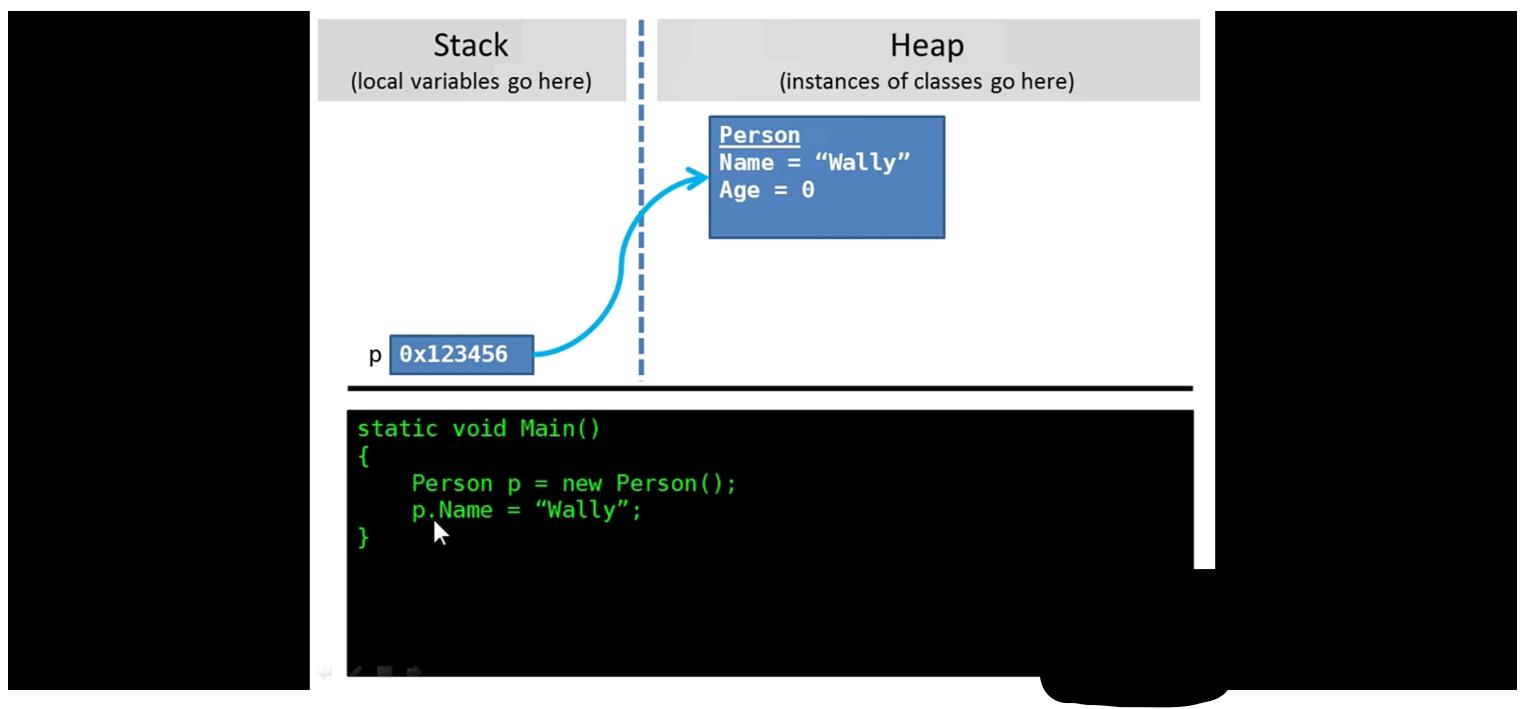


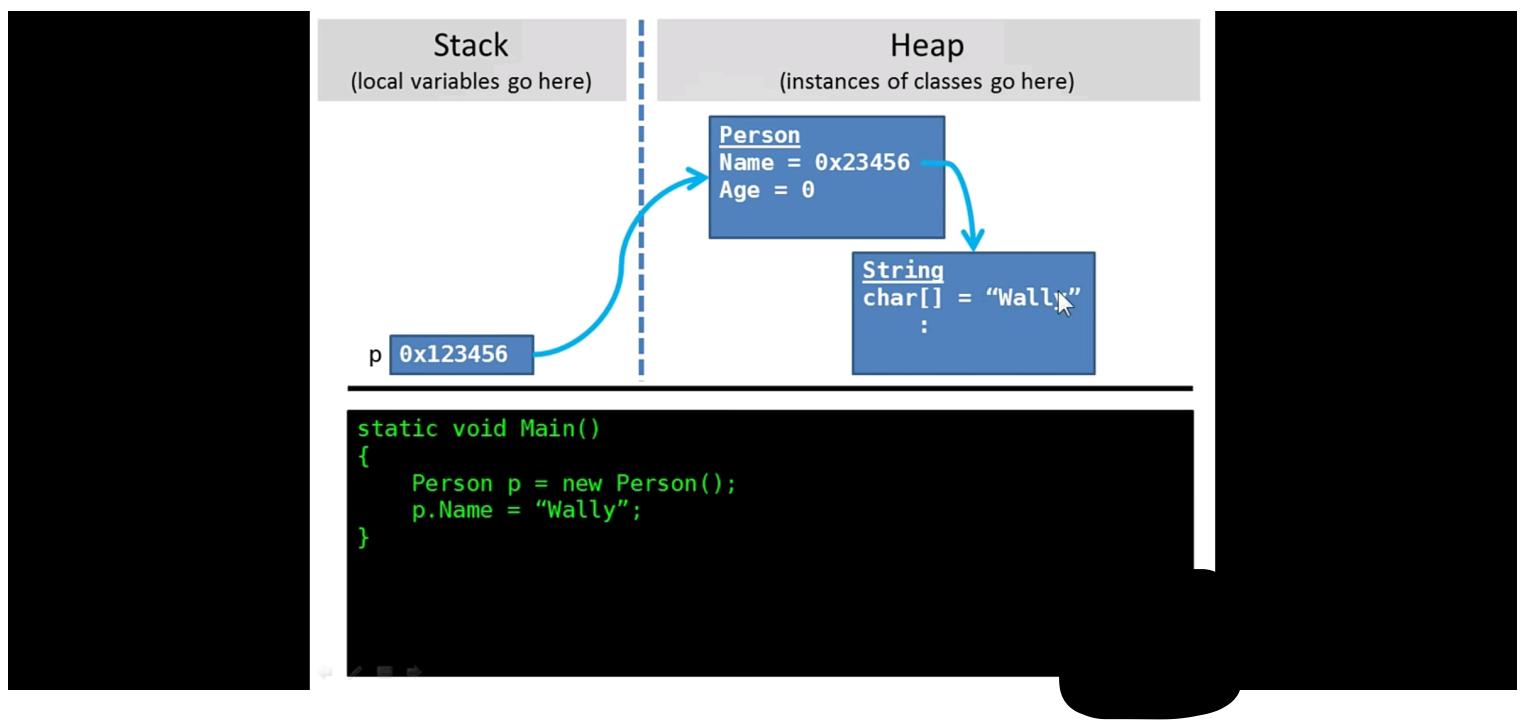
Reference variables and instances...
...are distinct from each other.



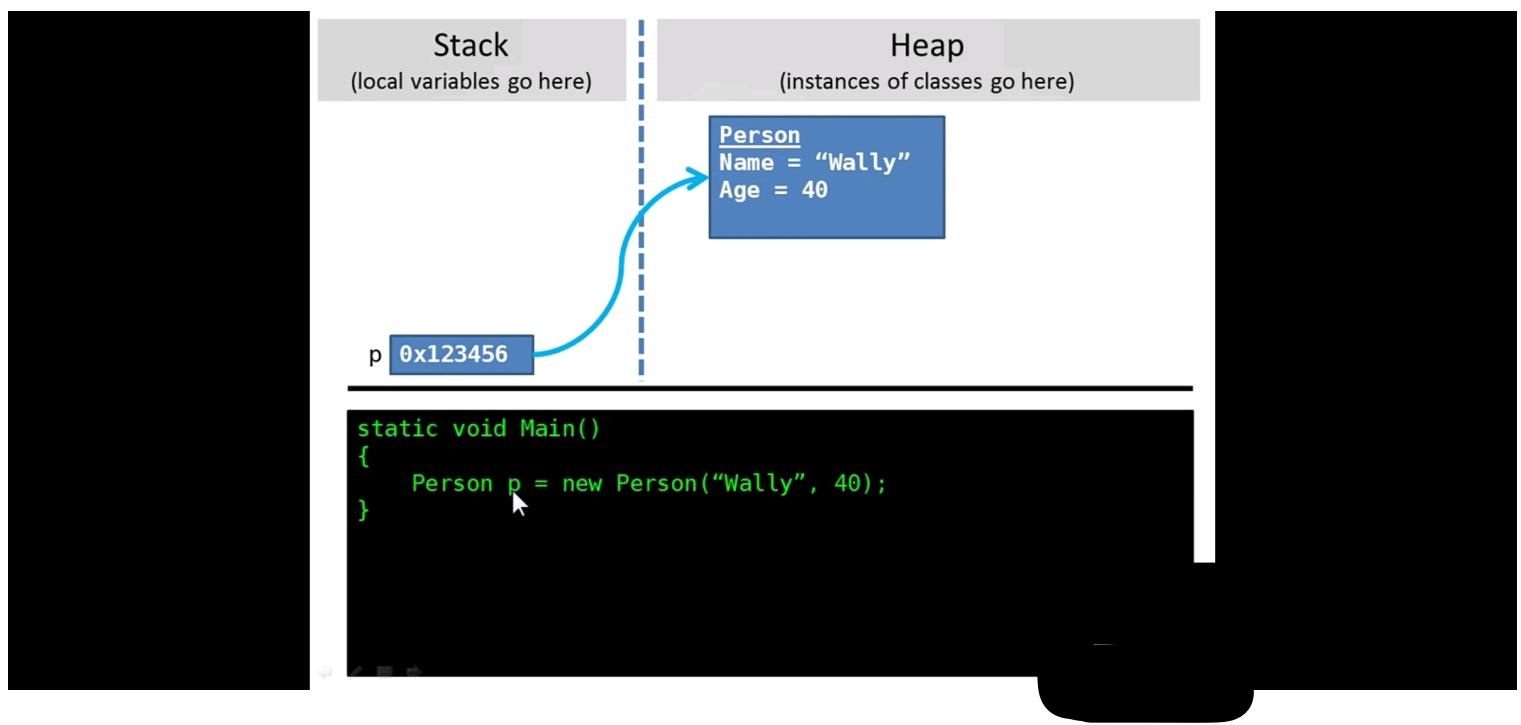


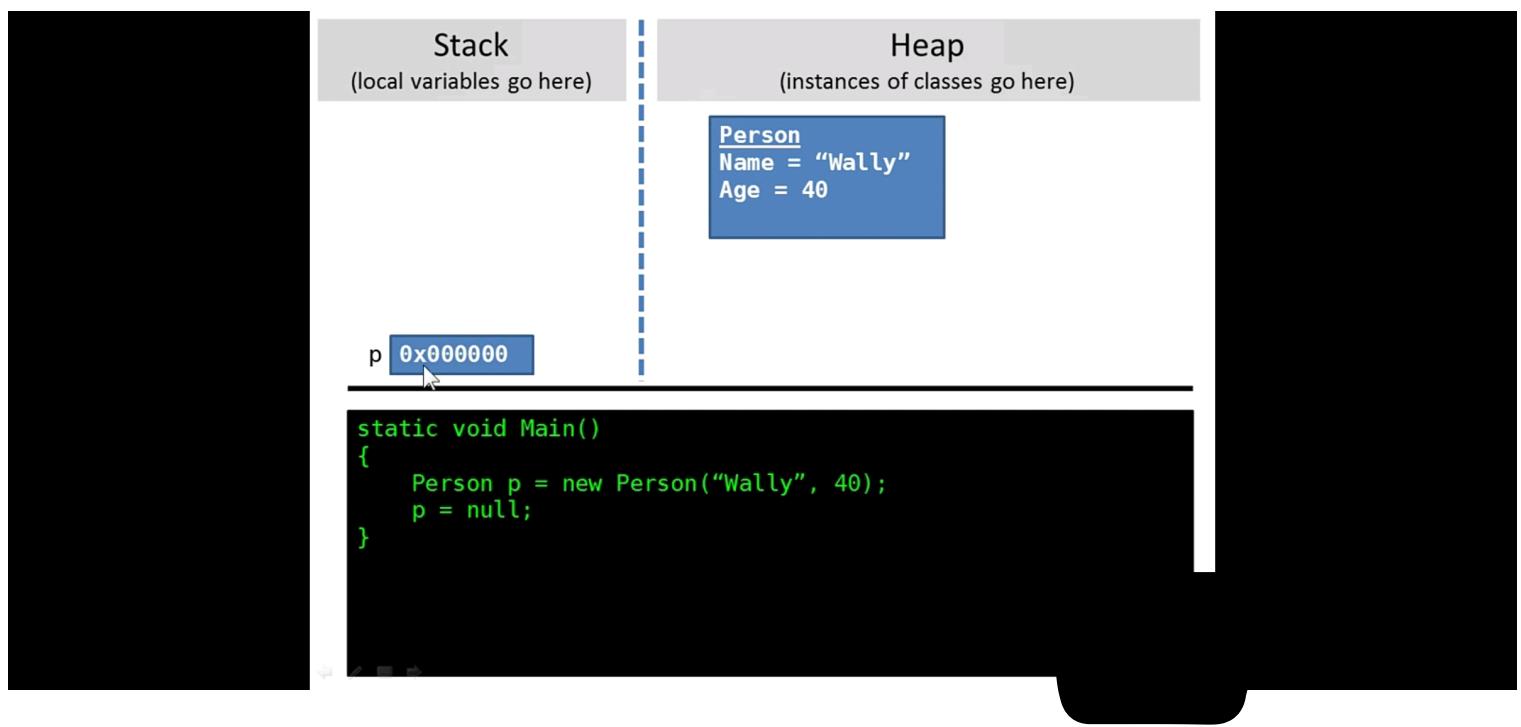


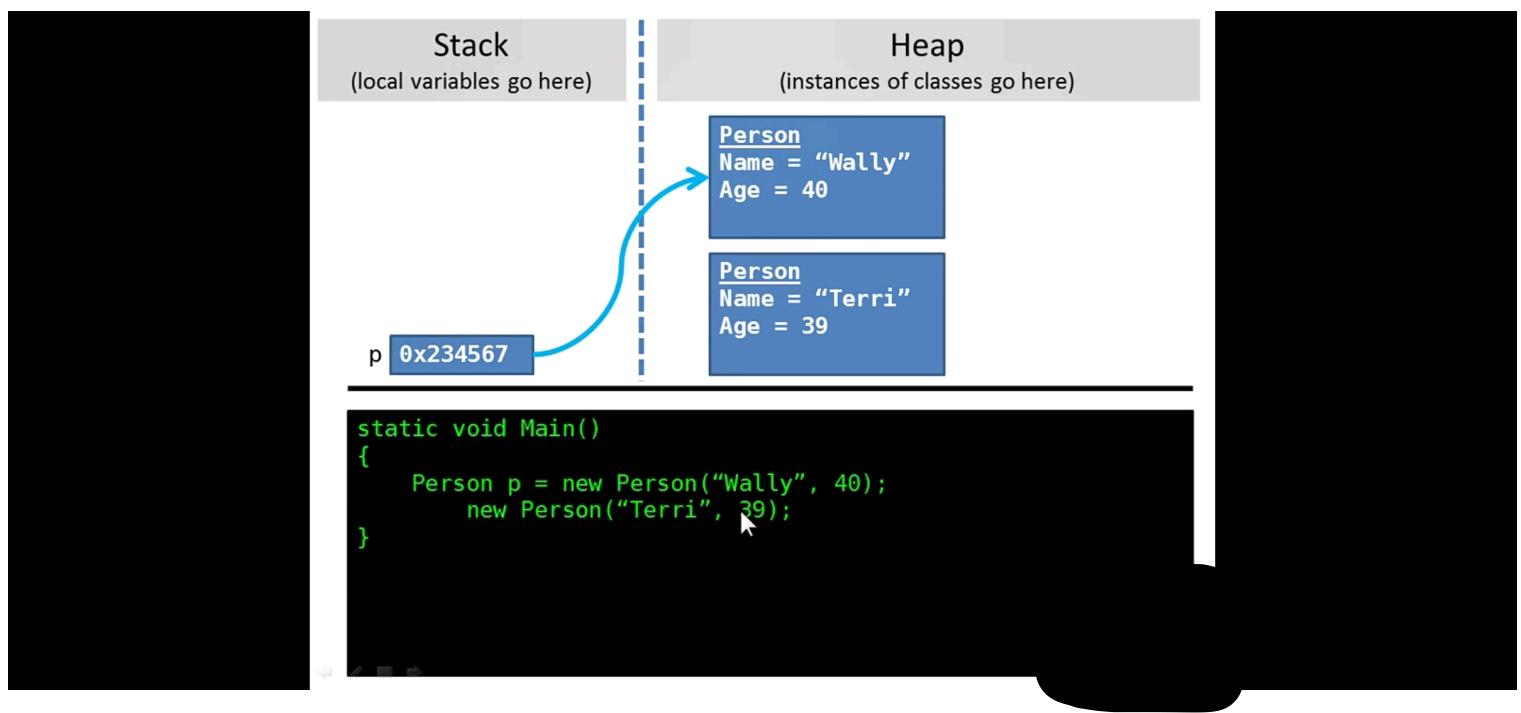


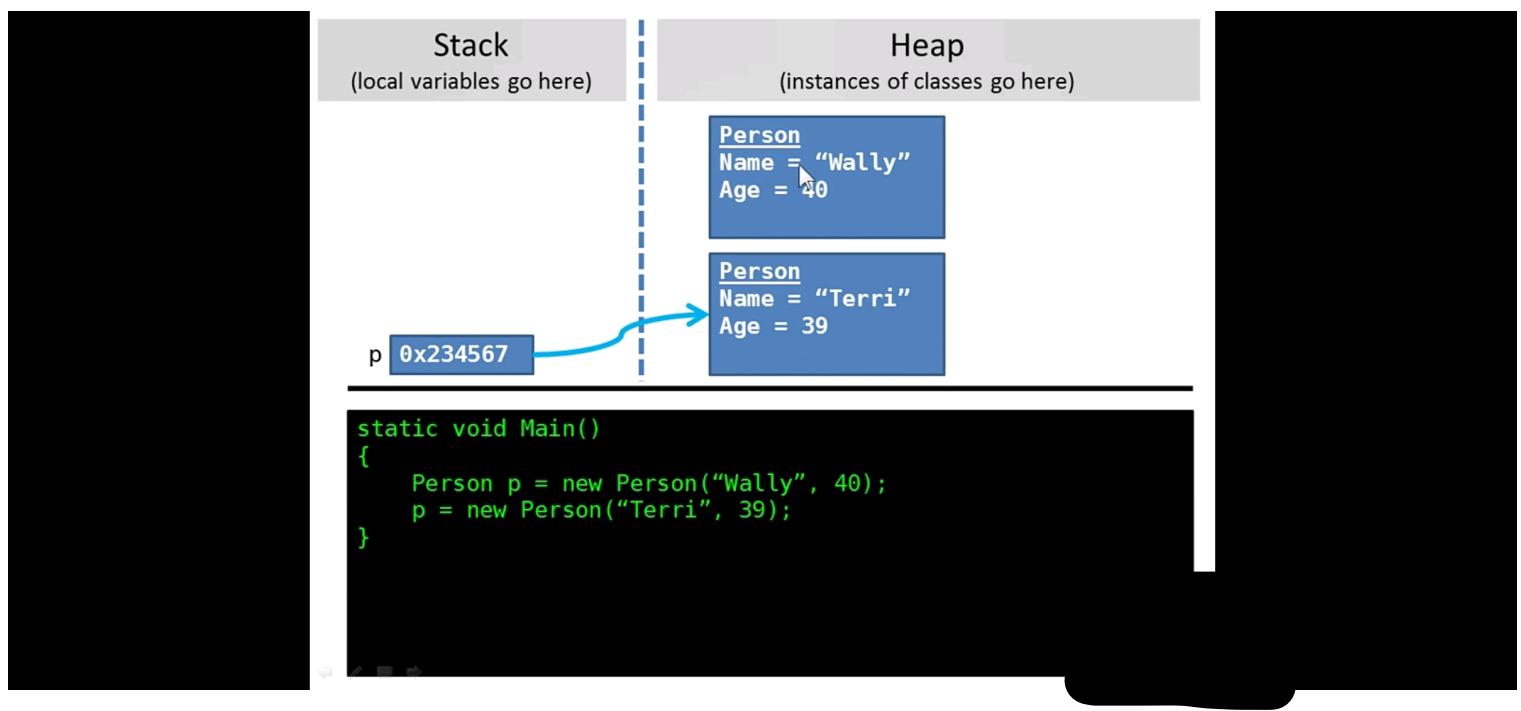


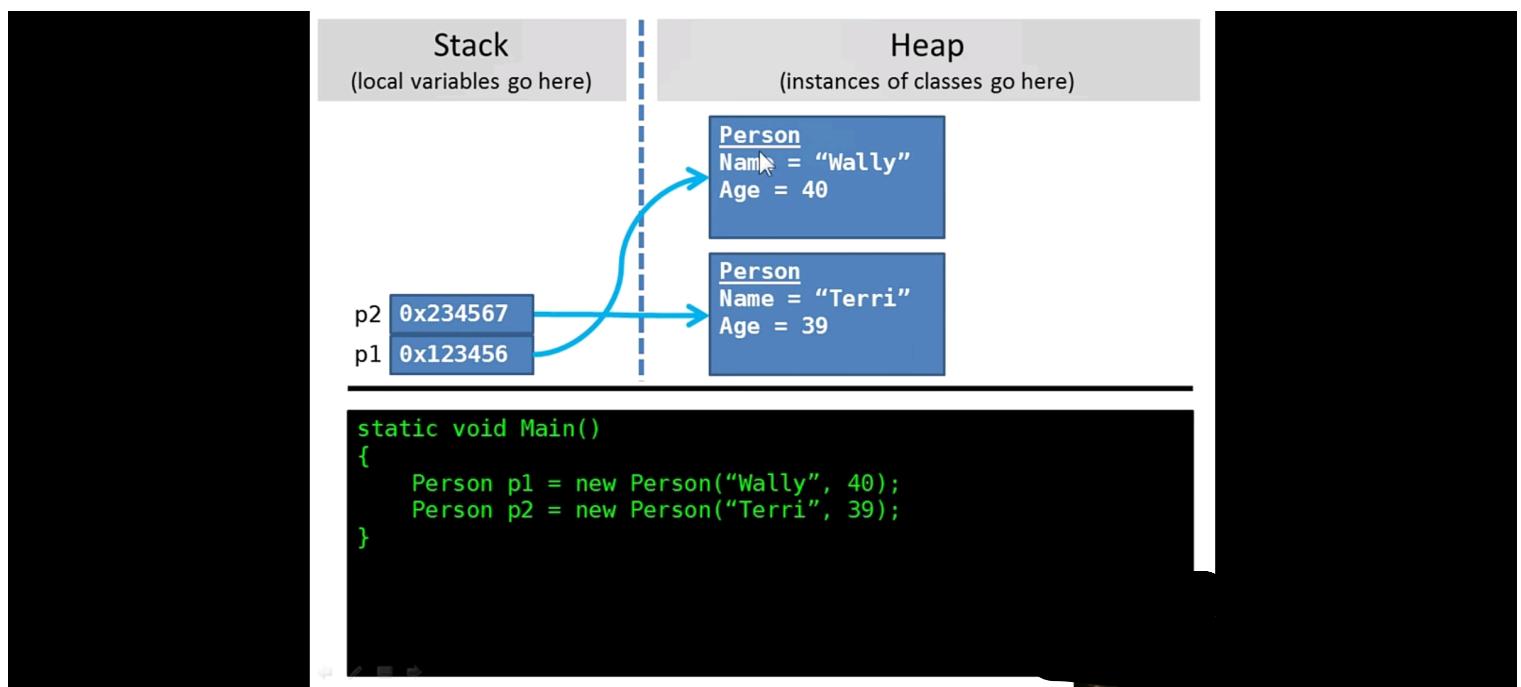
```
class Person
{
    public string Name;
    public int Age;
    public Person(string name, string age)
    {
        Name = name;
        Age = age;
    }
}
```

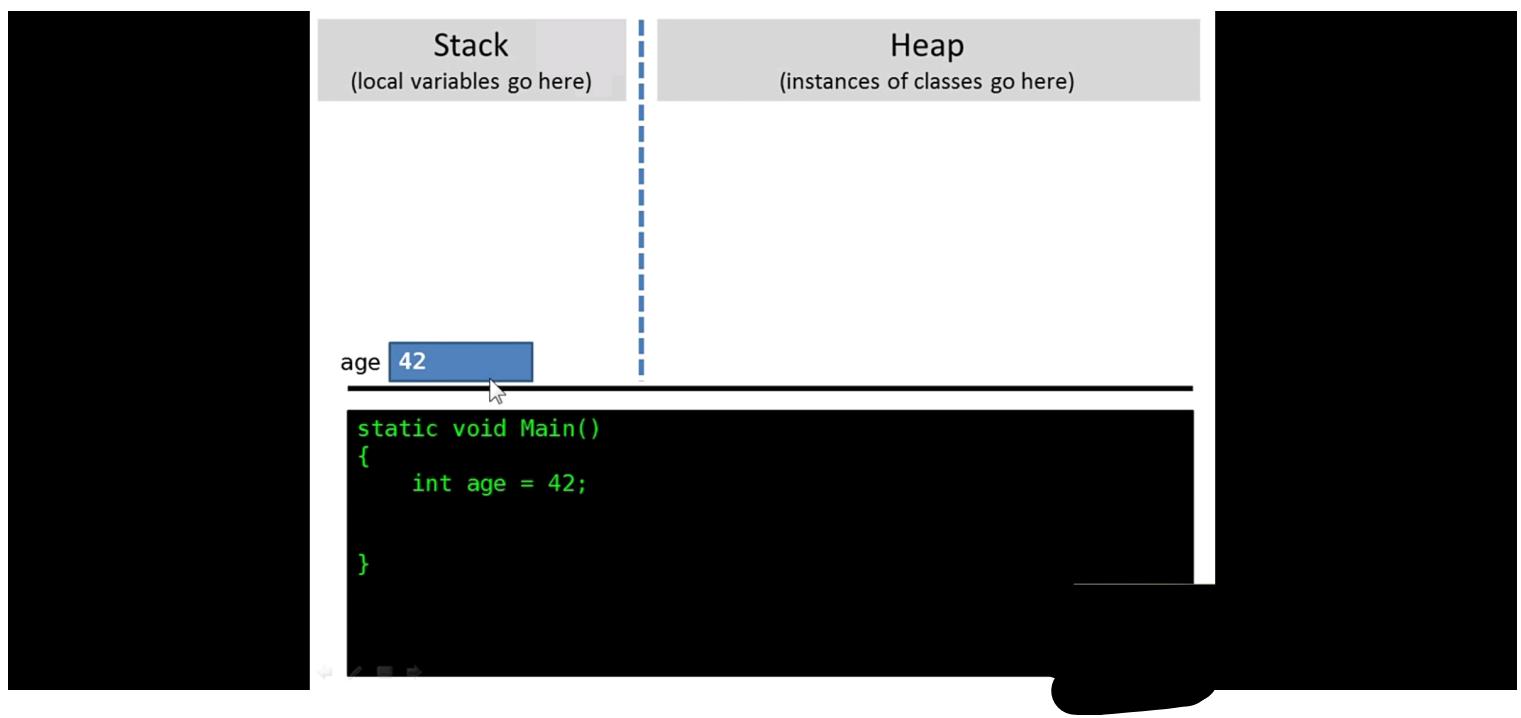


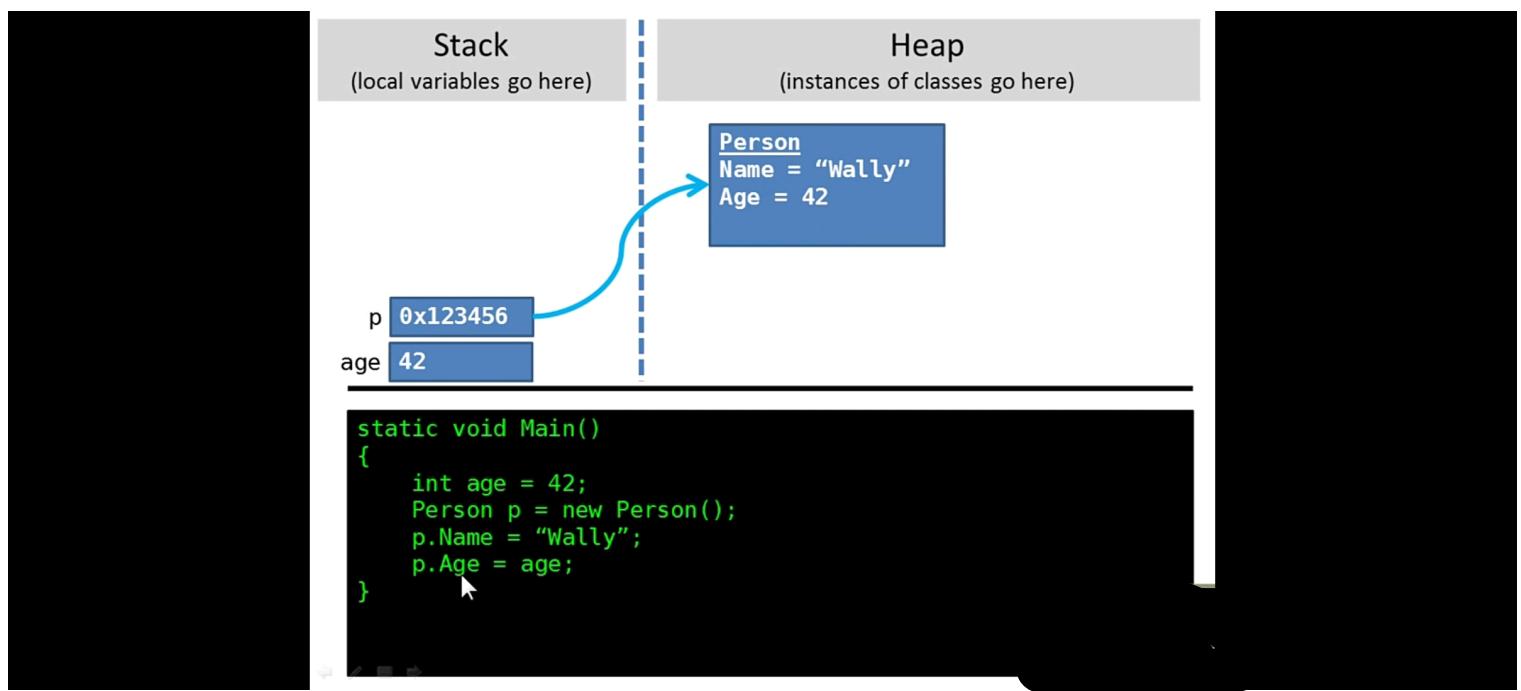


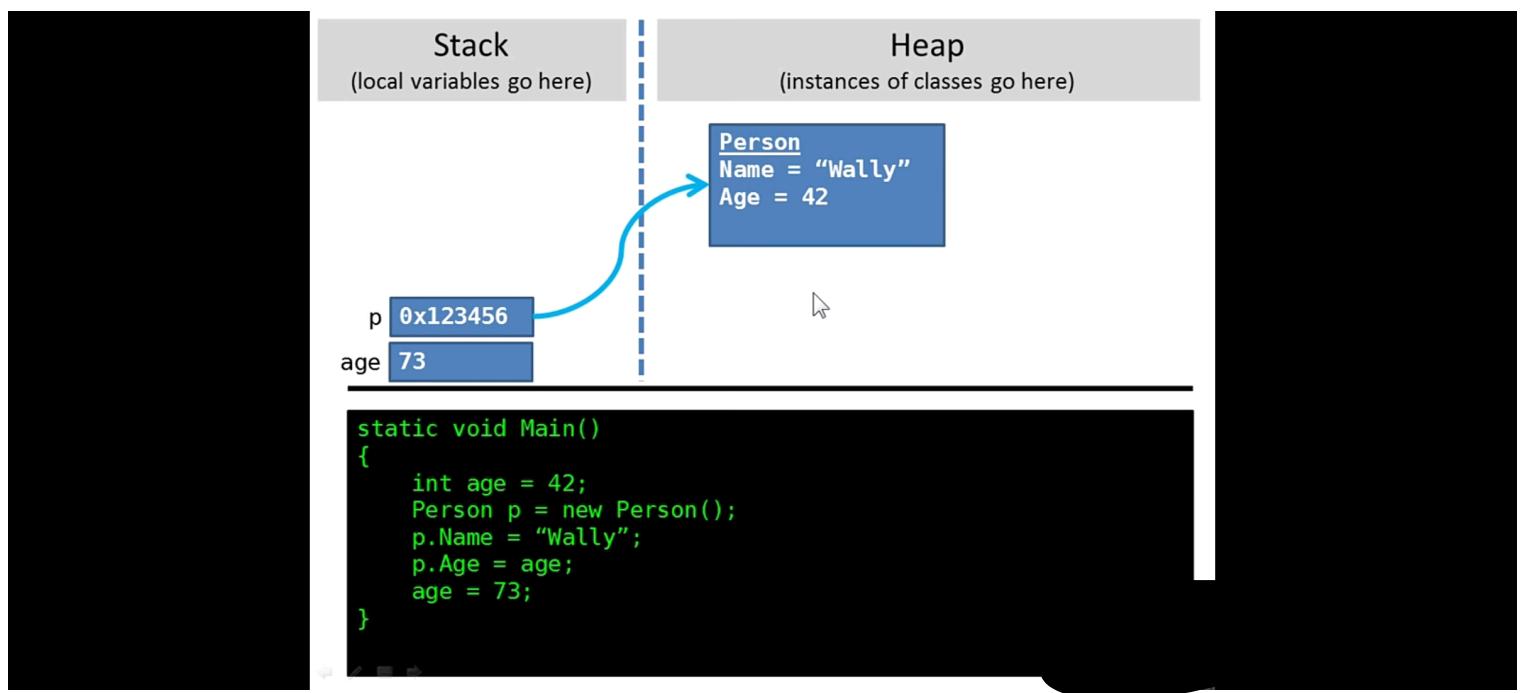


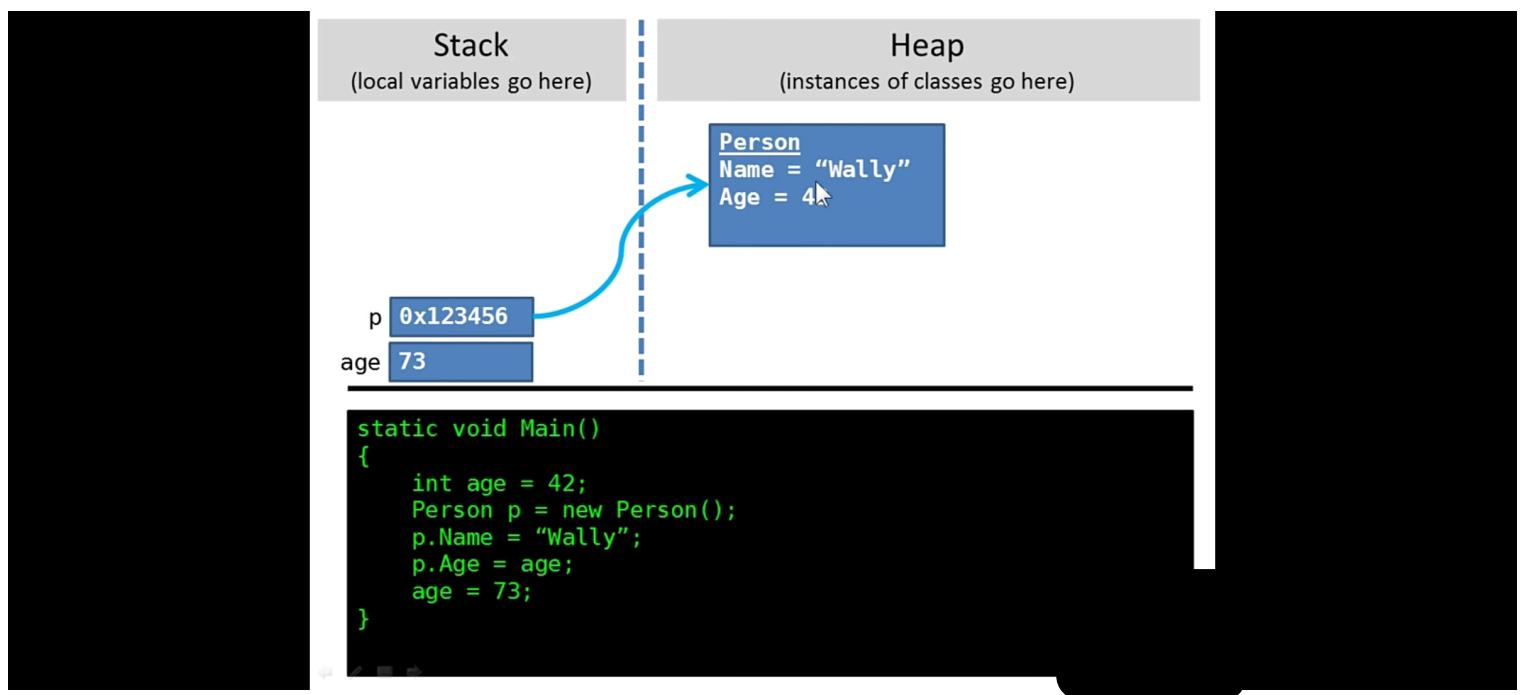












```
class Person
{
    public string Name;
    public int Age;
    public Person Spouse;
}
```

