TYPE CASTING

```
class P
{
    public void m1()
    {
        System.out.println("Parent");
    }
}
class C extends P
{
    public void m2()
    {
        System.out.println("Child");
    }
}
class Test
{
    public static void main(String[] args)
    {
        P p = new C();
        p.m1();
        //p.m2();
        ((C)p).m1();
        ((C)p).m2();
    }
}
```

Which is valid or not

```
class A
{
    public void m1()
    {
        System.out.println("A");
    }
}
class B extends A
{
    public void m1()
    {
        System.out.println("B");
    }
}
class C extends B
{
    public void m1()
    {
        System.out.println("C");
    }
}
```

c.c.c

```
class Test
{
    public static void main(String[] args)
    {
        C c = new C();
        c.m1();
        ((B)c).m1();
        ((A)((B)c)).m1();
    }
}
```

But when all are static then it's A B C

```
class A
{
    int x =666;
}
class B extends A
{
    int x =777;
}
class C extends B
{
    int x =888;
}
class Test
{
    public static void main(String[] args)
    {
        C c = new C();
        System.out.println(c.x);
        System.out.println(((B)c).x);
        System.out.println(((A)((B)c)).x);
    }
}
```

```
888
777
666
```