Classes and Objects

QUIZ

Guess the Output

```java
public class Sample {

    Sample()
    {
        System.out.println("sample");
    }


    public static void main(String[] args) {

        new Sample();
    }
}
```

Guess the Output

```java
public class Sample {

    Sample()
    {
        System.out.println("sample");
    }

    public static void main(String[] args) {

        new Sample();
    }
}
```

Ans: sample

```java
public class Sample {

    void Sample()
    {
        System.out.println("sample");
    }


    public static void main(String[] args) {

        new Sample();
}
```

```java
public class Sample {

    void Sample()
    {
        System.out.println("sample");
    }


    public static void main(String[] args) {

        new Sample();
}
```
Ans: No output

```java
public class Sample {

    static void m1(int x){
        x+=10;
        System.out.println(x);
    }

    public static void main(String[] args) {
    int x=10;
        m1(x);
        System.out.println(x);

}
}
```
Ans:

```java
public class Sample {

    static void m1(int x){
        x+=10;
        System.out.println(x);
    }

    public static void main(String[] args) {
    int x=10;
        m1(x);
        System.out.println(x);

}
}
```
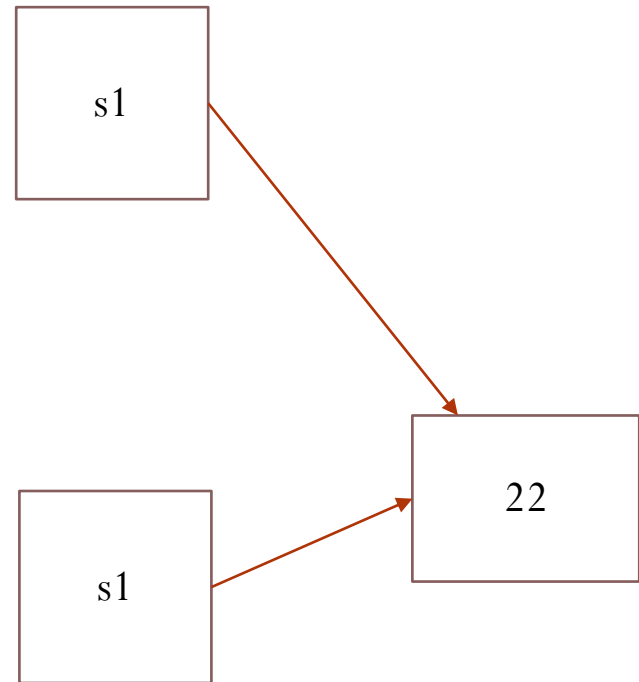Ans: 20 10

```java
public class Sample {
int x;

    static void m1(Sample s1){
            s1.x+=10;

    }

    public static void main(String[] args) {
            Sample s1=new Sample();
            s1.x=12;

            m1(s1);
            System.out.println(s1.x);

}
}
```

```java
public class Sample {
int x;

    static void m1(Sample s1){
        s1.x+=10;

    }

    public static void main(String[] args) {
        Sample s1=new Sample();
        s1.x=12;

        m1(s1);
        System.out.println(s1.x);

}
}
```
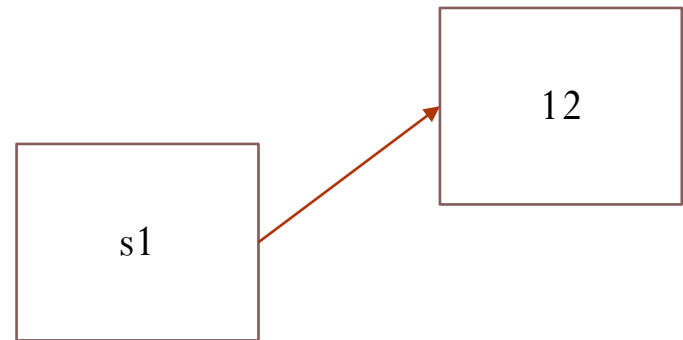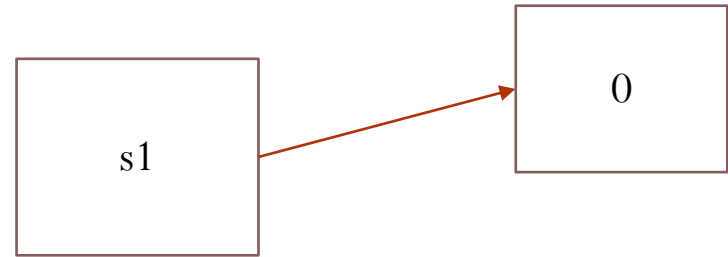Ans: 22

```java
public class Sample {
int x;

    static void m1(Sample s1){
        s1=new Sample();
        System.out.println(s1.x);
    }

    public static void main(String[] args) {
        Sample s1=new Sample();
        s1.x=12;

        m1(s1);
        System.out.println(s1.x);

}
}
```

```java
public class Sample {
int x;

    static void m1(Sample s1){
        s1=new Sample();
        System.out.println(s1.x);
    }

    public static void main(String[] args) {
        Sample s1=new Sample();
        s1.x=12;

        m1(s1);
        System.out.println(s1.x);

}
}
```
Ans: 0 12