

Memory Management of Methods.

```
class calci
{
    void add(int a, int b)
    {
        int s = a+b;
        System.out.println("Sum=" + s);
    }

    void sub()
    {
        int x = 10;
        int y = 5;
        int d = x-y;
        System.out.println("Diff=" + d);
    }
}
```

```
class CalciApp
{
    public static void main
        (String[] args)
    {
        calci c = new calci();
        c.add(20, 30);
        c.sub();
    }
}
```

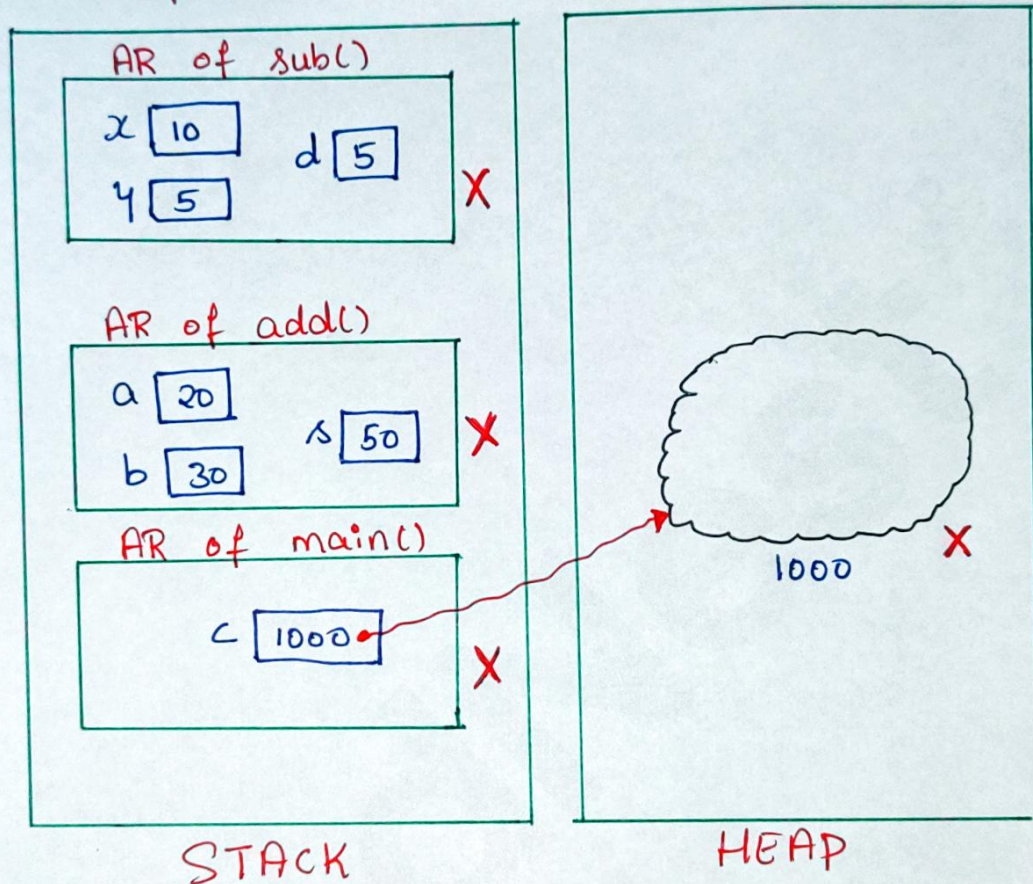
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OUTPUT

Sum = 50
Diff = 5



Memory Map:



Note:

- ① In Java, as soon as a method is called, "Activation Record" of that particular method will be created in the "Stack Segment".
- ② As soon as the control leaves/exits the method, the activation record of that particular method will be deleted in the "Stack Segment".

