

Java For Loop Hand Tracing #2

// ***** 1 *****

Output:

```
{
    for (int i = 7; i < 13; i++)
    {
        System.out.print(i + " ");
    }

    System.out.println();
}
```

// ***** 2 *****

Output:

```
{
    for (int i = 7; i >= 2; i--)
    {
        System.out.print(i + " ");
    }

    System.out.println();
}
```

// ***** 3 *****

Output:

```
{
    int sum = 10;

    for (int i = 5; i < 25; i = i + 5)
    {
        sum = sum + i;
    }
    System.out.println(sum);
}
```

```
// ***** 4 *****
```

Output:

```
{
    String string1 = "star";
    String string2 = "wars";

    for (int i = string1.length() - 1; i >= 0; i--)
    {
        string2 = string2 + string1.substring(i, i + 1);
    }

    System.out.println(string2);
}
```

```
// ***** 5 *****
```

Output:

```
{
    String string3 = "OhioState";

    for (int i = 1; i < 6; i += 2)
    {
        string3 = string3 + string3.substring(0, i);
    }

    System.out.println(string3);
}
```

```
// ***** 6 *****
```

Output:

```
{
    String string3 = "Hilliard";

    for (int i = string3.length() - 1; i >= 1; i -= 3)
    {
        string3 = string3.substring(0, i) + string3;
    }
    System.out.println(string3);
}
```

```
//***** 7 *****
```

Output:

```
{
    int count = 1;

    for (int i = 4; i >= 1; i--)
    {
        for (int j = 1; j <= 3; j++)
        {
            count++;
        }
    }

    System.out.println(count);
}
```

```
//***** 8 *****
```

Output:

```
{
    for (int i = 1; i < 4; i = i + 1)
    {
        for (int j = 9; j >= 8; j--)
        {
            System.out.print(i + " " + j + " ");
        }
    }
    System.out.println();
}
```