

# CSE 143: Computer Programming II

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## Recursive Tracing Solutions

### recursionMystery

For each call to the following method, indicate what console output is produced:

```
1 public static void mystery(int x) {  
2     if (x < 10) {  
3         System.out.print(x);  
4     } else {  
5         int y = x % 10;  
6         mystery(x / 10);  
7         System.out.print(y);  
8         mystery(x / 10);  
9     }  
10 }
```

mystery(1);

1

mystery(12);

121

mystery(24);

242

mystery(325);

3235323