```
mystery()
```

```
public static int mystery(int n) {
  if (n == 0)
      return 1;
      else
      return 2 * mystery (n - 1);
  }

  mystery(5); return 2 * mystery (n - 1);
  }

mystery(5);
...
```

mystery(5) = $32 = 2^5$ 2 * mystery(4) = 2 * mystery(3) = 2 * mystery(2) = 2 * mystery(1) = 2 * mystery(0) =

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