



```
public static int power(int base, int exponent) {  
    int result = base;  
    for (int i = 2; i <= exponent; i++) {  
        result = result * base;  
    }  
    return result;  
}
```

The image displays a code snippet for a power function. The code is overlaid with a network of colored circles (purple, orange, yellow) and lines, suggesting a graph-based analysis or visualization of the code's structure. The circles are placed at various points in the code, and lines connect them, possibly representing control flow or data dependencies. The code itself is as follows: