

```
public static boolean isPrime(int number) {  
    for (int i = 2; i < number; i++) {  
        if (number % i == 0) {  
            return false;  
        }  
    }  
    return true;  
}
```

A diagram illustrating control flow with colored nodes and arrows. The nodes are: a yellow node at the top left, a purple node at the top right, a yellow node at the bottom left, a purple node at the bottom right, and a yellow node at the bottom right. Arrows connect the nodes: a yellow arrow from the top left to the top right, a purple arrow from the top right to the bottom left, a yellow arrow from the bottom left to the bottom right, and a purple arrow from the bottom right to the bottom left.