

```
//  
//  branch.c  
//  
//  
//  Created by Aalisha on 12/04/19.  
//  
  
#include <stdio.h>  
  
int main()  
{  
    int left = 0;  
    int right = 10;  
    int val = 5;  
  
    int mid = (left + right)/2;  
  
    if(mid == val)  
        return 0;  
    else if(mid < val)  
        return -1;  
    else  
        return 1;  
  
}
```