

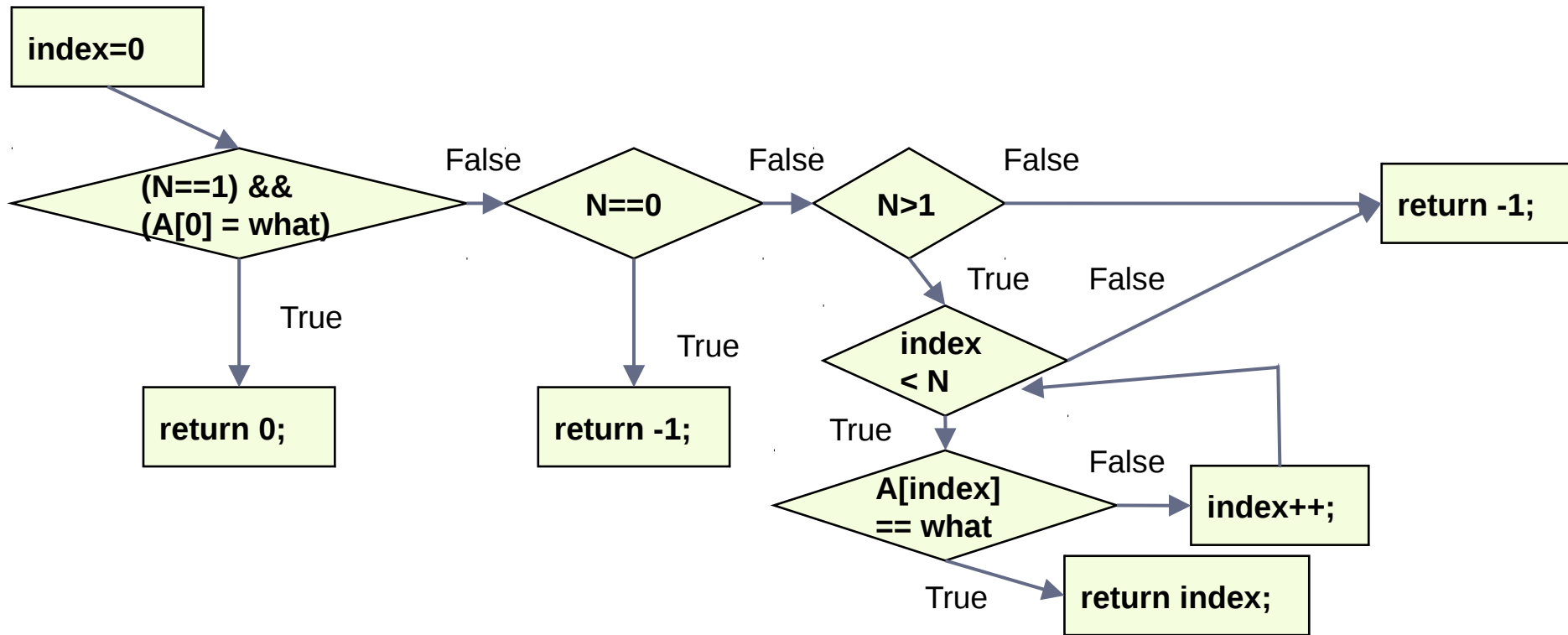
Activity

- Write tests that provide statement, branch, and basic condition coverage over the following code:

```
int search(string A[], int N, string what){
    int index = 0;
    if ((N == 1) && (A[0] == what)){
        return 0;
    } else if (N == 0){
        return -1;
    } else if (N > 1){
        while(index < N){
            if (A[index] == what)
                return index;
            else
                index++;
        }
    }
    return -1;
}
```

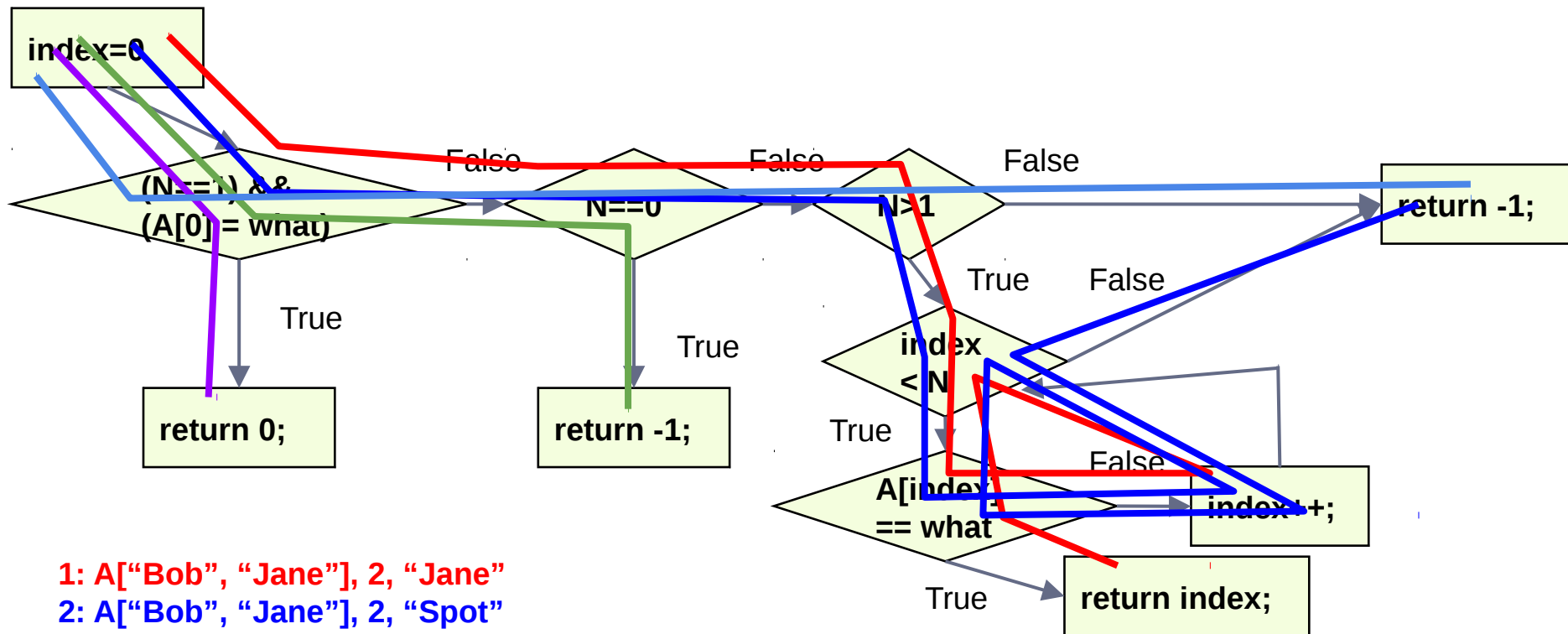
Activity - Possible Solution

- Write tests that provide statement, branch, and basic condition coverage over the following code:



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- Write tests that provide statement, branch, and basic condition coverage over the following code:



- 1: A["Bob", "Jane"], 2, "Jane"
- 2: A["Bob", "Jane"], 2, "Spot"
- 3: A[], 0, "Bob"
- 4: A["Bob"], 1, "Bob"
- 5: A["Bob"], 1, "Spot"