CSCE 247 - Structural Testing Activity
Name(s):

1. Draw a control-flow graph for the following program:

```
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;
}
```

2. Write tests that provide statement, branch, and basic condition coverage over the code.