Given the following program

```javascript
var x = 2
var y = 3
var f = fun () {
    var z = 2
    var g = fun () {
        return z + x
    }
    var w = 1
    return w + g()
}
var k = fun(){
    return x + f()
}
```

List what variables could be found in the frame pointed to by the function’s frame pointer for each of the following functions:

- $f - \{x, y, f\}$
- $g - \{x, y, f, z, g\}$
- $k - \{x, y, f, k\}$