COMP 3111: Software Engineering
Lecture 12 Exercise: Movie Shop Basis Path Testing—Flow Graph

The reserveMovieCopy procedure is used for reserving a physical copy of a movie in the shop.

```
        Procedure: reserveMovieCopy return(result)
1.         If status = "available"
2.             reserve movie copy
3.             status = "reserved"
4.             result = "success"
5.         Else
6.             If (status = "rented") AND (returnDate ≤ requestDate)
7.                 reserve movie copy
8.                 status = "reserved"
9.                 result = "success"
10.            Else
11.                result = "failure"
12.            Endif
13.        Endif
14.  End
```

Draw the flow graph for the reserveMovieCopy procedure. Clearly label the regions of the flow graph. Show the flow graph node number to program statement number mapping.