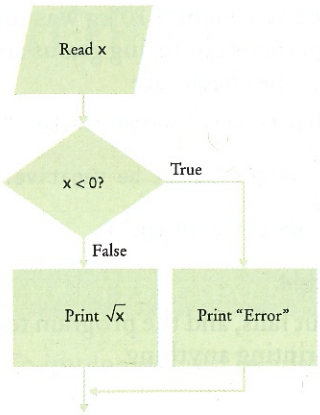
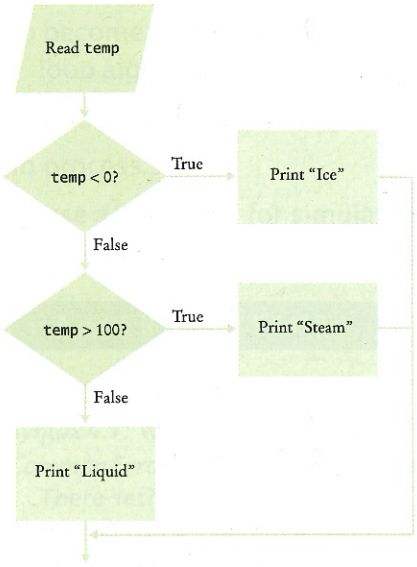
25.



26.



27.

Test Case	Expected Output	Comment
12	12	Below 13th floor
14	13	Above 13th floor
13	?	The specification is not clear— See Section 3.9 for a version of this program with error handling

28. A boundary test case is a price of $128. A 16 percent discount should apply because the problem statement states that the larger discount applies if the price is *at least* $128. Thus, the expected output is $107.52.

29.

Test Case	Expected Output	Comment
9	Most structures fall	
7.5	Many buildings destroyed	
6.5	Many buildings ...	
5	Damage to poorly...	
3	No destruction...	
8.0	Most structures fall	Boundary case. In this program, boundary cases are not as significant because the behavior of an earthquake changes gradually.
-1		The specification is not clear—see Self Check 21 for a version of this program with error handling.

30.

Test Case	Expected Output	Comment
(0.5, 0.5)	inside	
(4, 2)	outside	
(0, 2)	on the boundary	Exactly on the boundary
(1.414, 1.414)	on the boundary	Close to the boundary
(0, 1.9)	inside	Not less than 1 mm from the boundary
(0, 2.1)	outside	Not less than 1 mm from the boundary

31. `x == 0 and y == 0`

32. `x == 0 or y == 0`

33. `(x == 0 and y != 0) or (y == 0 and x != 0)`

34. The same as the value of `frozen`.

35. You are guaranteed that there are no other values. With strings or integers, you would need to check that no values such as `"maybe"` or –1 enter your calculations.

36. `myString.count(" ")`

37.
```
firstChar = myString[0]
if firstChar.isupper() :
```

38. 7

39. False

40. `userStr.isalpha() and userStr.islower()`

41. `filename.endswith(".jpg") or filename.endswith(".jpeg")`