

Question 2.**Test Case 1** Files: 1_train.txt, 1_test.txt**The tree expected:**

```

A(y)--pos
|
(n) -neg

```

Test result: testEx3 incorrectly classified; test accuracy is 75%**Test Case 2** Files: 2_train.txt, 2_test.txt**The tree expected:**

```

B(y) -- A(y) -pos
|      |
|      (n) --neg
(n) - neg

```

Test result: testEx3 incorrectly classified; test accuracy is 75%**Test Case 3** Files: 3_train.txt, 3_test.txt

There are multiple trees because of ties. One of the expected trees is

```

B(y) — A(y) --pos
|      |
|      (n) — C(y) -- pos
|      |
|      (n) - neg
|
(n) — A(y) — neg
      |
      (n) — C(y) — pos
          |
          (n) - neg

```

Test result: testEx3 incorrectly classified; test accuracy is 75%