1a) Compare AWT  with swings.  
  b)  Illustrate with an example program the Listeners & event classes related to JTextField.

2a) Client sends a form with value of centigrade enter in the text box. Write appropriate html tag to send the request and code to reply from the server the equivalent Fahrenheit value.

3) Write a swing program to display the hierarchy of Mammal using a JTree.

4) Design a swing applet with a tabbed pane with two choices fruits and vegetables. When you click on fruits a Panel with 4 buttons containing name of the fruits has to be displayed. When you click on vegetables a combobox with options for 5 vegetables must be displayed. There should also be a JTable which shows which fruit or vegetable you selected each time.

5) Write steps to connect to the database and Explain with an example program