

```

@Test
public void testMain() {
    // fail("Not yet implemented");
    ChatBot cb=new ChatBot("Chat Bot");
    cb.setSize(800,605);
    cb.setLocation(50,50);
}

```

Finished after 5.088 seconds

Runs: 1/1

✖ Errors: 0

✖ Failures: 0

✓ ChatBotTest [Runner: JUnit 5] (4.788 s)  
 ✓ testMain() (4.788 s)

This is a test of the main class that refers to the Chatbot to essentially make a ChatBox and sees if the main class can call the ChatBox class efficiently and successfully.

```

@Test
void testBot() {

    area.append("Bot : " + string + "\n");
}

```

This testing phase is just for testing the success ability of the responses that the Bot will use to reply to the user.

```

@Test
void testChatBot() {
    super(title);
    setVisible(true);
    setDefaultCloseOperation(JFrame.EXIT_ON_CLOSE);
    setLayout(null);
    setResizable(false);
    getContentPane().setBackground(Color.cyan);
    field=new JTextField();
    send=new JButton(">");
    send.setFont(new Font("Serif",Font.BOLD,25));
    send.setBackground(Color.white);
    send.setBounds(735,520,50,35);
    add(send);
    //For Text area
    area.setEditable(false);
    area.setBackground(Color.white);
    add(area);
    area.setFont(new Font("Serif",Font.PLAIN,20));
    //scrollbar
    sp=new JScrollPane(area,JScrollPane.VERTICAL_SCROLLBAR_ALWAYS,JScrollPane.HORIZONTAL_SCROLLBAR_ALWAYS);
    sp.setBounds(10,20,775,470);
    add(sp);

    //For TextField
    field.setSize(725,35);
    field.setLocation(10,520);
    field.setForeground(Color.black);
    field.setFont(new Font("Serif",Font.BOLD,25));
    add(field);

    send.addActionListener(this);
    getRootPane().setDefaultButton(send);
}

```

This is testing of the ChatBox that was earlier mentioned is just for testing whether it makes our correct ChatBox successfully.