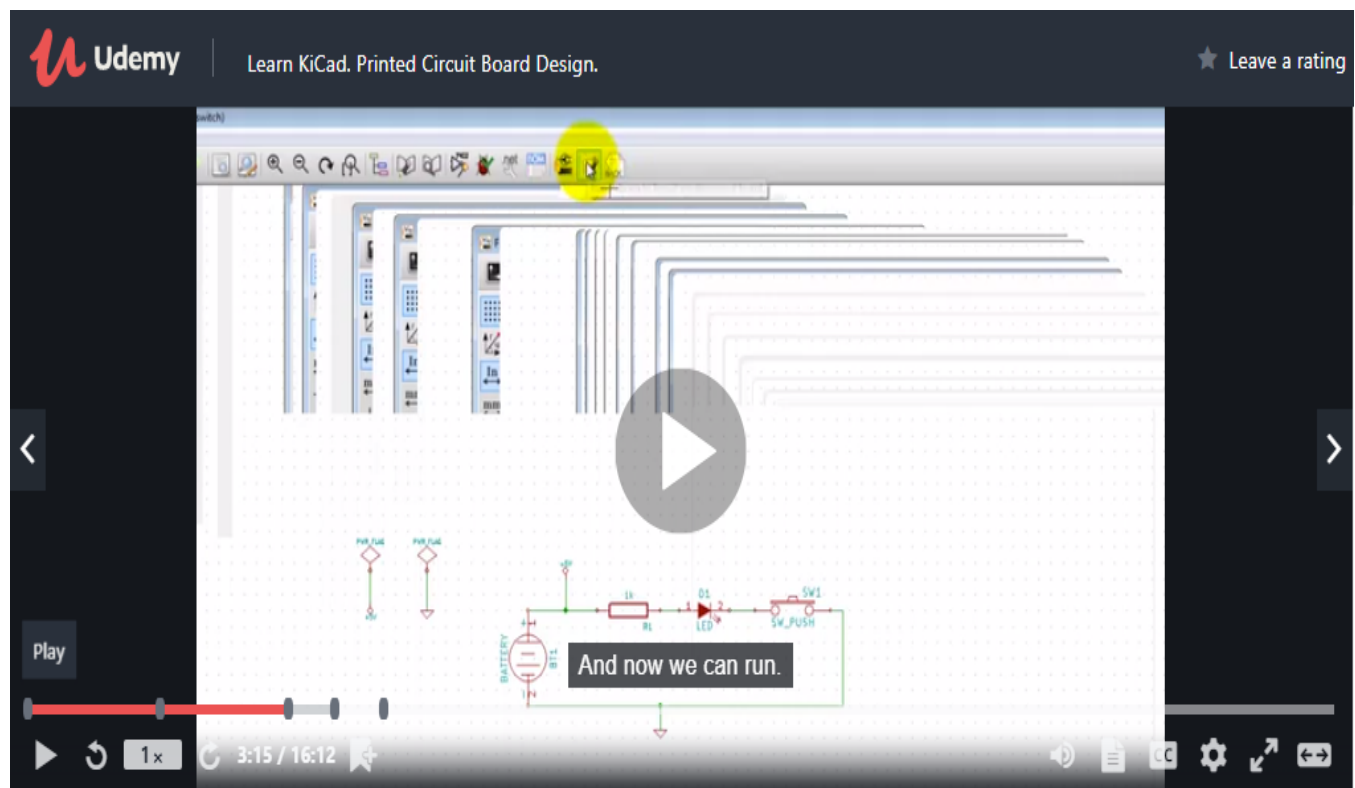


DAILY ASSESSMENT FORMAT

Date:	10/06/2020	Name:	Akshatha M Deshpande
Course:	KiCad	USN:	4AL17EC006
Topic:	NET LIST AND FOOT PRINT ASSOCIATION AND PLACING PCB	Semester & Section:	6th Sem A sec
Github Repository:	AkshathaDeshpande		

FORENOON SESSION DETAILS

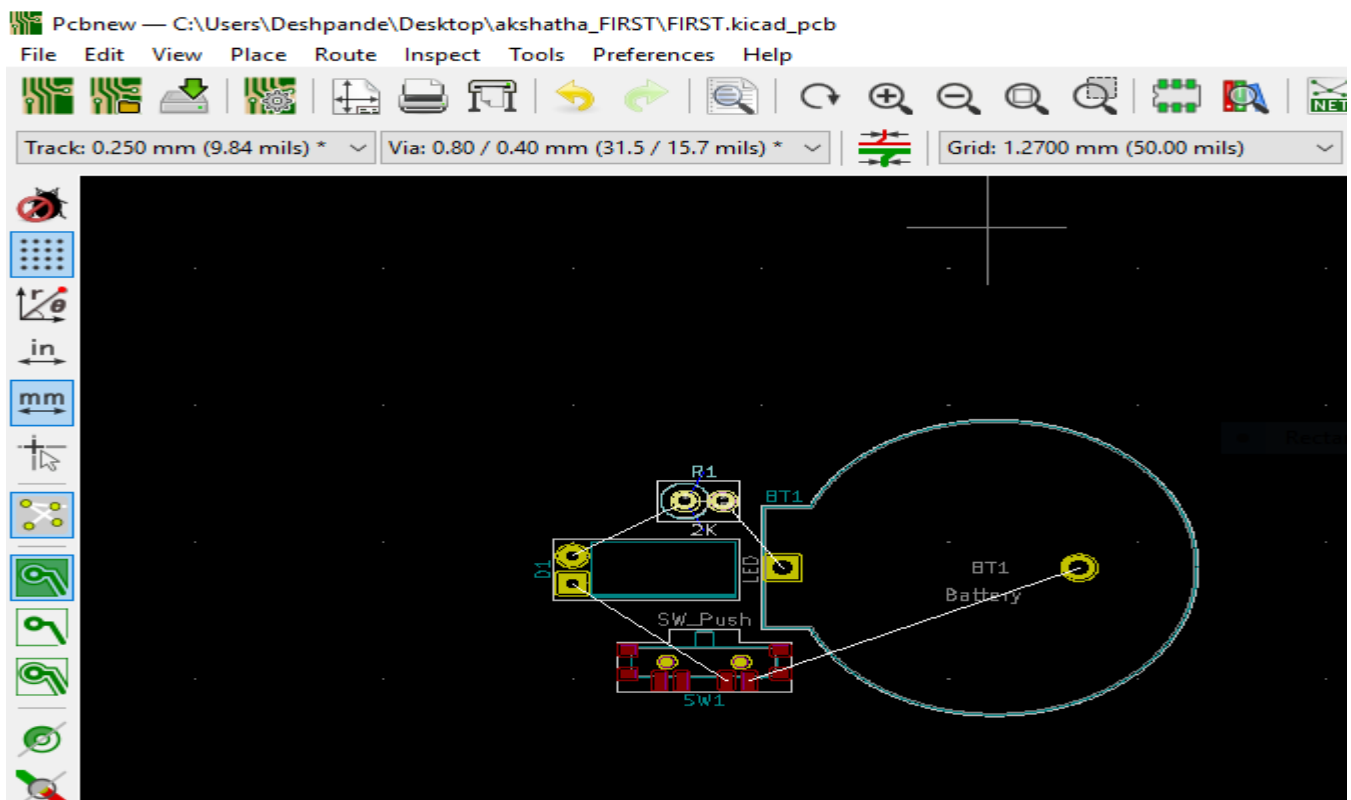
Image of session

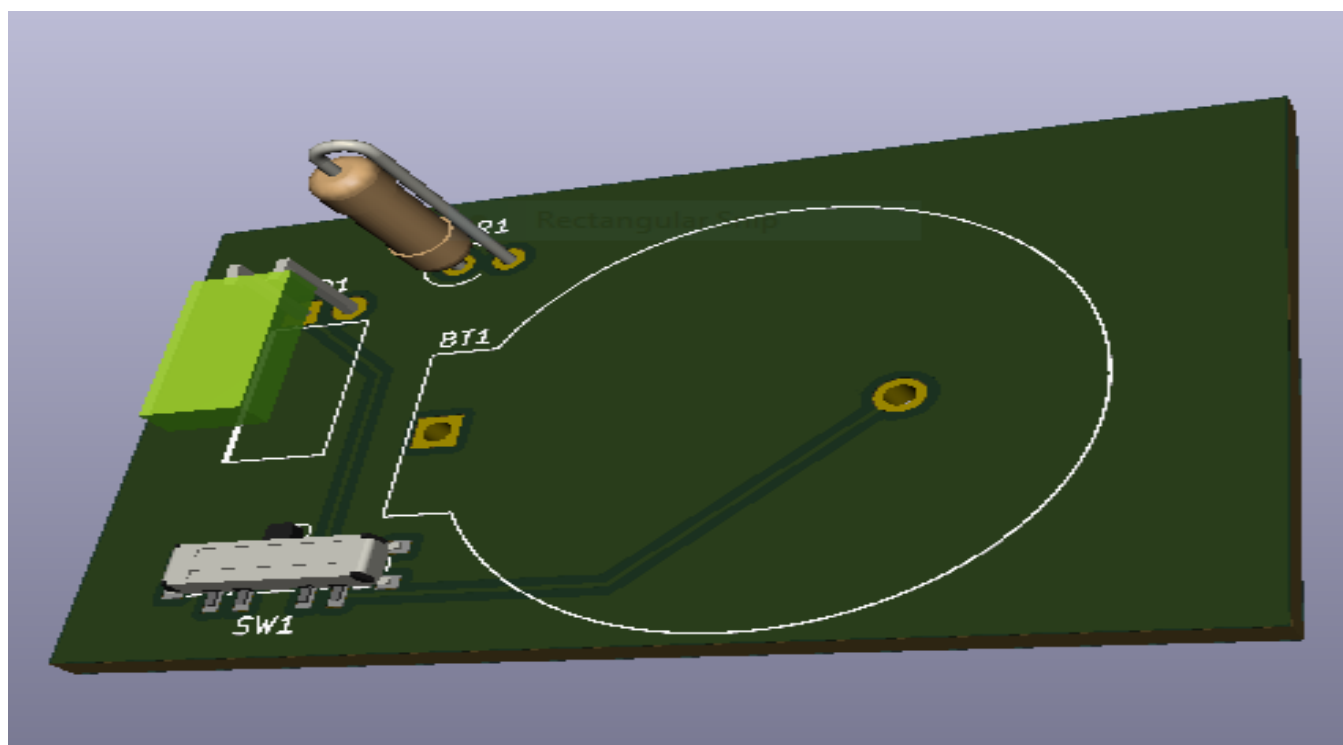
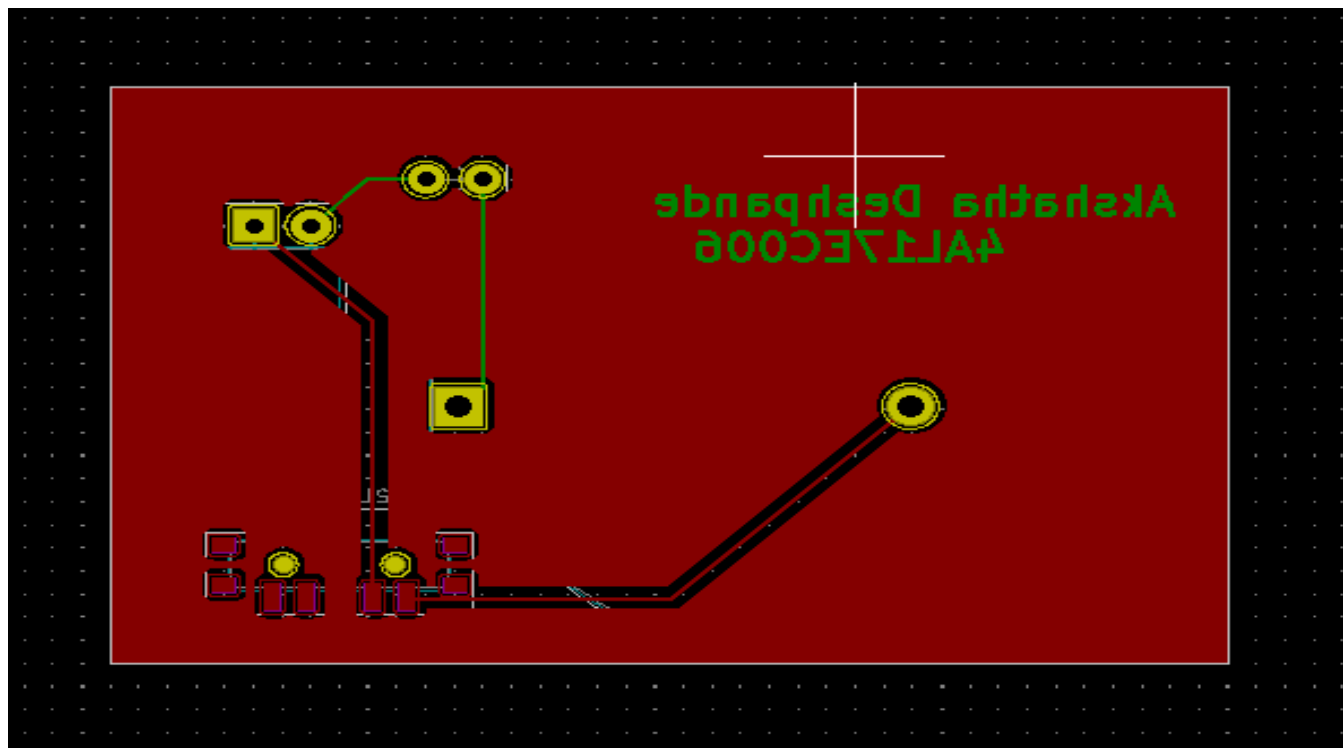


Report – Report can be typed or hand written for up to two pages.

Net list and footprint association and placing PCB items.

- The wires are connected using wires and those are called as net list.
- These are described in a net list file.
- First generate a net list.
- Then the foot print is created.
- Assign foot prints to schematic symbols.
- Run pcb new.
- Load the netlist and connect the wires without overlapping of wires.





Date: 10/06/2020
Course: Java
Topic: Programming

Name: Akshatha M Deshpande
USN: 4AL17EC006
Semester & Section: 6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session

The screenshot shows a Udemy video player interface. The top bar includes the Udemy logo, the course title "Java Tutorial for Complete Beginners", and options to "Leave a rating", "Your progress", "Share", and a help icon. The main video area displays a code editor with the following code:

```
class Person {  
}  
  
public class App {  
    public static void main(String[] args) {  
    }  
}
```

A large play button is centered over the code. A subtitle at the bottom of the video area reads: "Then let's give person some instance data, so I'll say string name, and I'll say int". The right sidebar shows the "Course content" list with the following items:

- 14. Arrays (10min) [Resources]
- 15. Arrays of Strings (9min) [Resources]
- 16. Multi-Dimensional Arrays (13min) [Resources]
- 17. Classes and Objects (12min) [Resources]
- 18. Methods (11min) [Resources]
- 19. Getters and Return Values

Report – Report can be typed or hand written for up to two pages.

Programming Core Java:

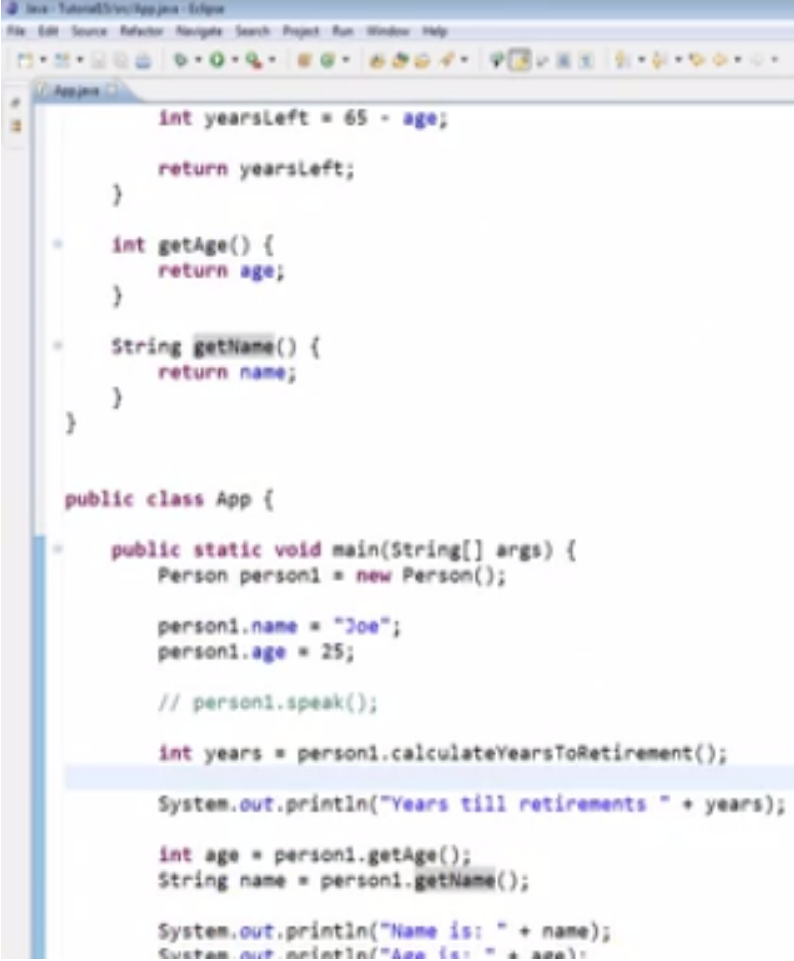
- Arrays of Strings
- Multi-Dimensional Arrays
- 17. Classes and Objects
- Methods
- Getters and Return Values
- Method Parameters
- Setters and "this"
- Constructors
- Static (and Final)
- String Builder and String Formatting

```
void speak() {  
    System.out.println("My name is: " + name + " and I am " + age + " years old");  
}  
  
public class App {  
  
    public static void main(String[] args) {  
  
        // Create a Person object using the Person class  
        Person person1 = new Person();  
        person1.name = "Joe Bloggs";  
        person1.age = 37;  
        person1.speak();  
  
        // Create a second Person object  
        Person person2 = new Person();  
        person2.name = "Sarah Smith";  
        person2.age = 20;  
        person2.speak();  
  
        System.out.println(person1.name);  
  
    }  
}
```

Rectangular Snip



Picture:



```
int yearsLeft = 65 - age;

return yearsLeft;
}

int getAge() {
    return age;
}

String getName() {
    return name;
}

public class App {

    public static void main(String[] args) {
        Person person1 = new Person();

        person1.name = "Joe";
        person1.age = 25;

        // person1.speak();

        int years = person1.calculateYearsToRetirement();

        System.out.println("Years till retirements " + years);

        int age = person1.getAge();
        String name = person1.getName();

        System.out.println("Name is: " + name);
        System.out.println("Age is: " + age);
    }
}
```

