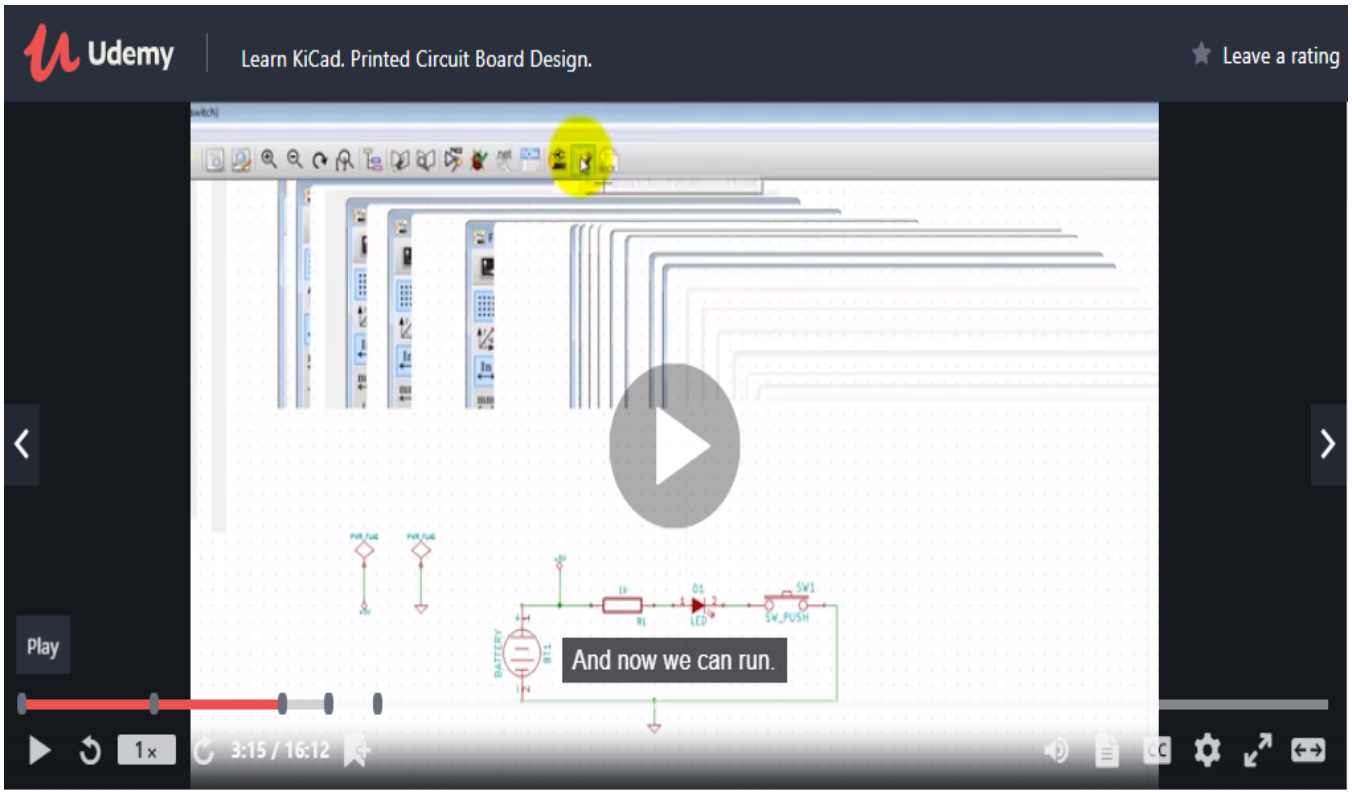
DAILY ASSESSMENT FORMAT

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		

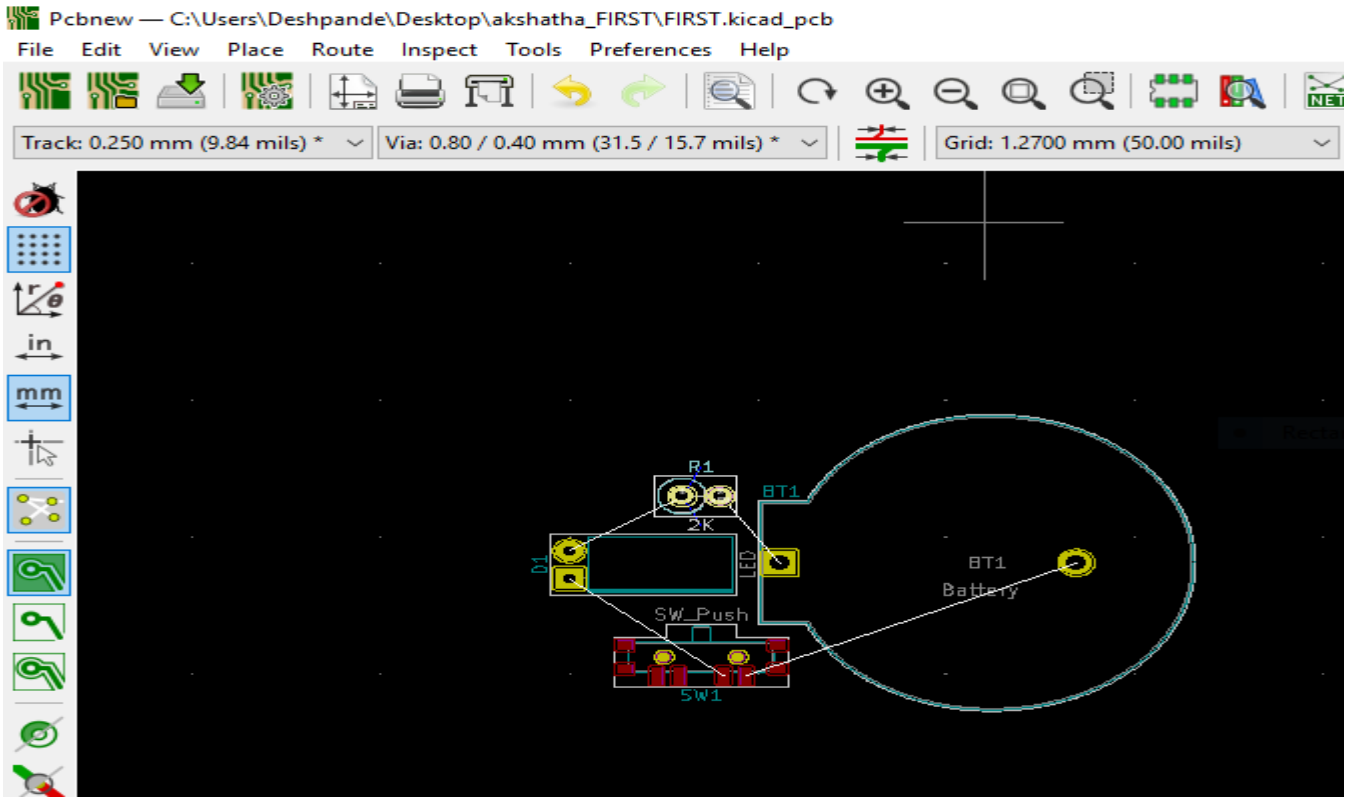
FORENOON SESSION DETAILS
Image of session

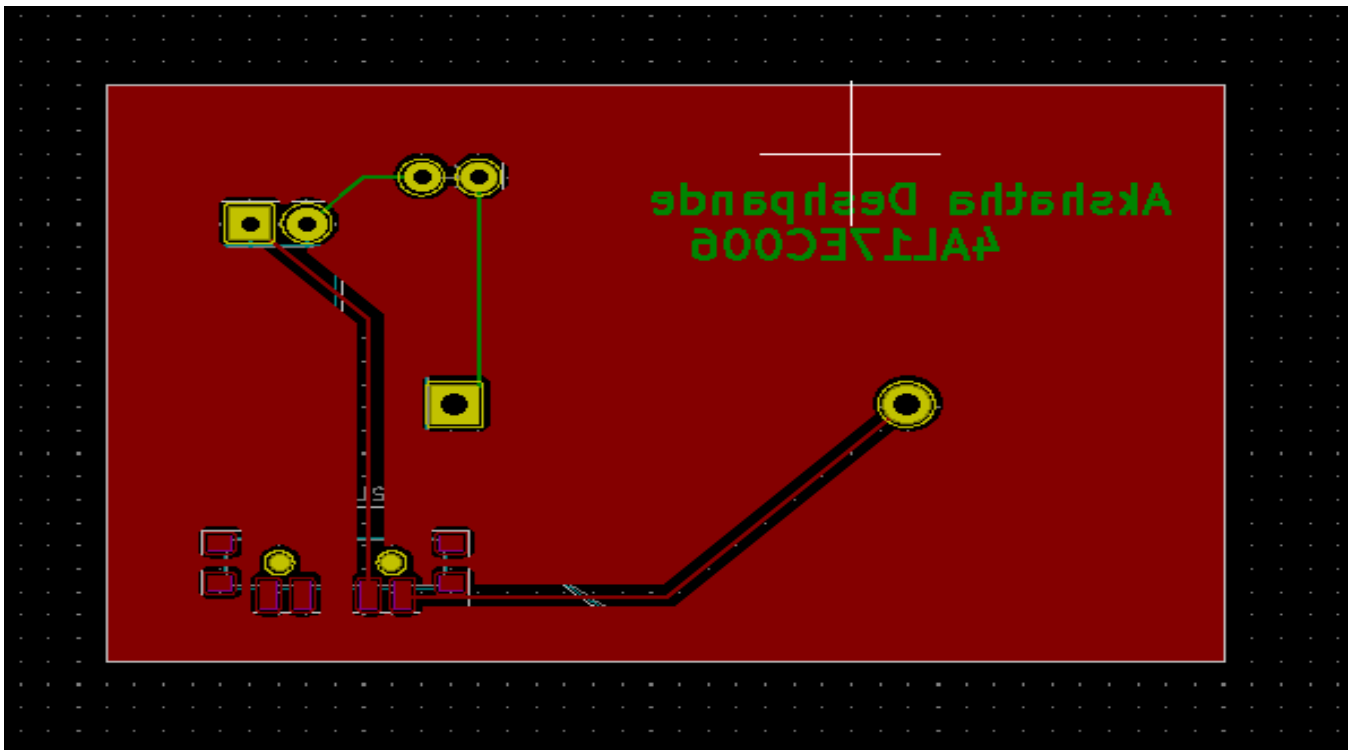


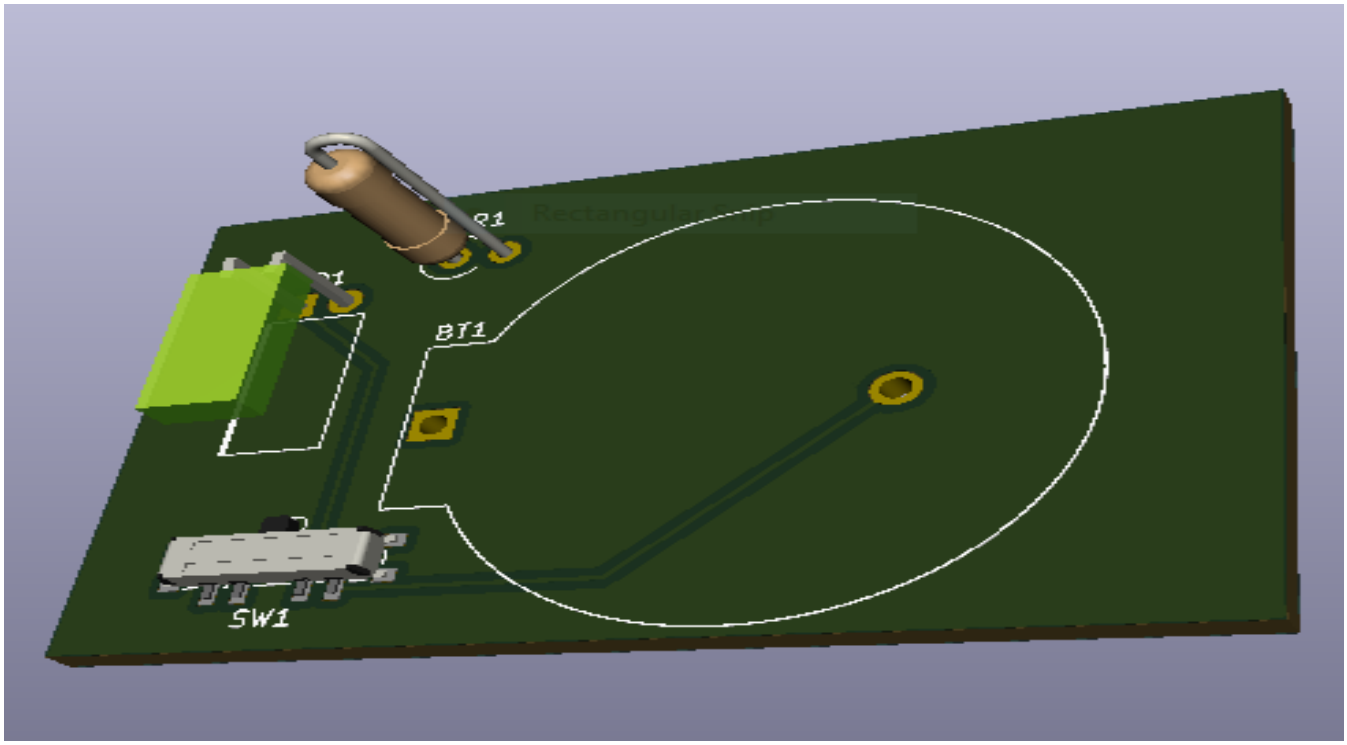
Report – Report can be typed or hand written for up to two pages.

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.



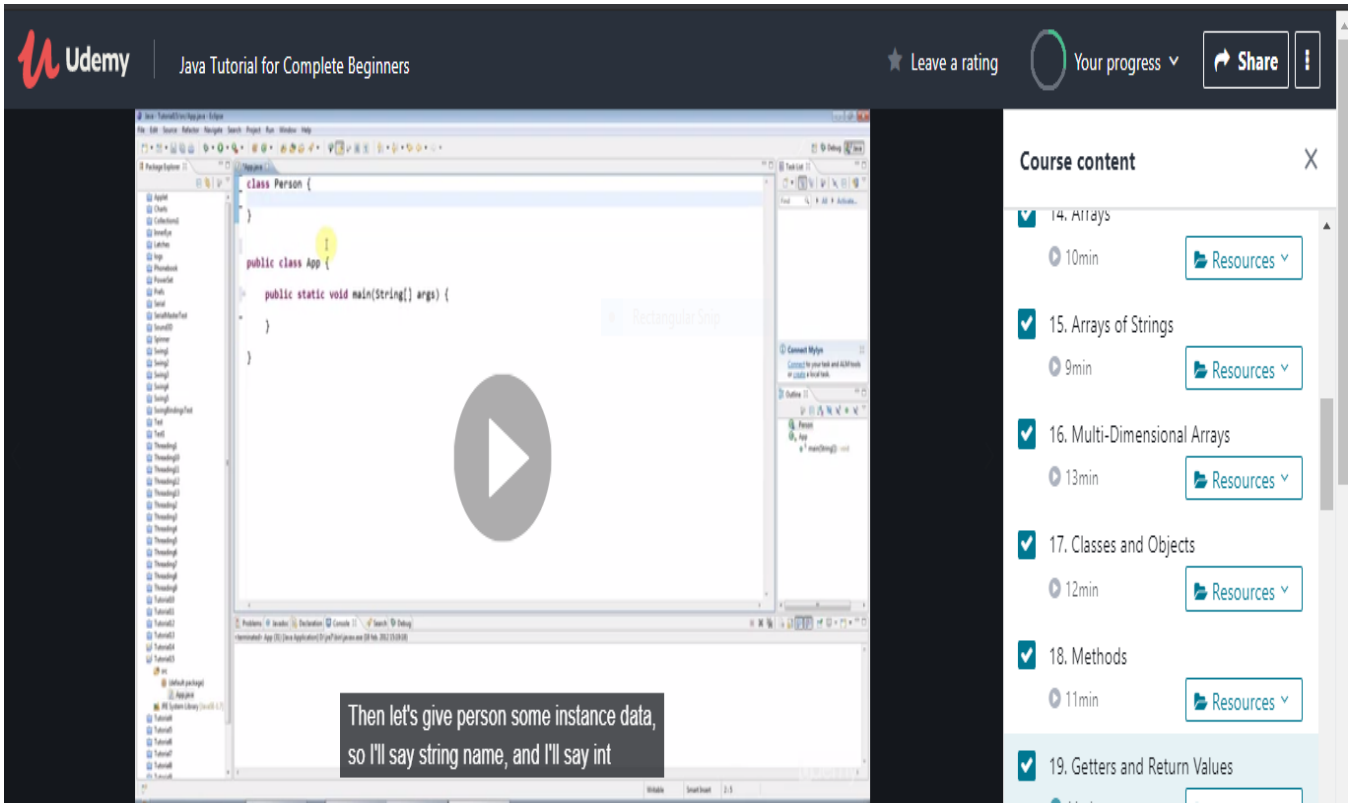




Date:	10/06/2020	Name:	Akshatha M Deshpande
Course:	Java	USN:	4AL17EC006
Topic:	Programming	Semester & Section:	6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session



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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);

    }

}
```

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);
```