

## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	13/6/2020	Name:	Sourabh Kakade
Sem & Sec	8 <sup>th</sup> Sem	USN:	4AL16CS104
<b>Online Test Summary</b>			
Subject	IOT		
Max. Marks	30	Score	30
<b>Certification Course Summary</b>			
Course	Complete Java Bootcamp.		
Certificate Provider	Udemy	Duration	37hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b> 1: Program to calculate Electricity Bil.			
<b>Status: COMPLETED</b>			
Uploaded the report in Github		yes	
If yes Repository name		Sourabh Kakade	
Uploaded the report in slack		yes	

## Online Test Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a web browser window with the URL [techgig.com/challenge/result/mcq/NGxvN0i4ZjInc3lrMDRvV3RnRWtBLQT09](https://techgig.com/challenge/result/mcq/NGxvN0i4ZjInc3lrMDRvV3RnRWtBLQT09). The page has a dark purple header with the text "Test Completed!" and "You have successfully participated in IoT IAS." Below this, there is a "Rate this Test" section with a rating of five stars and a "Click to Rate" link. The main content area shows a green box with a checkmark icon, the text "MCQ", and "Your Score 30/30". The browser's taskbar at the bottom shows various application icons and the system clock at 10:30.

## Certification Course Details: (Attach the snapshot and briefly write the report for the same)

The screenshot shows a Udemy course page for "Complete JAVA Bootcamp: Go from zero to hero with Spring". The course is by "sourabhkade0831@gmail.com" and has a progress indicator. The main content area displays a slide titled "Assignments" with the sub-heading "OOPS" and the task "1. Create Java Class from Class Diagram". The slide shows a class diagram for an abstract class "Shape" with attributes "color:String" and "filled:boolean", and methods "shape()", "shape(color:String, filled:boolean)", "getcolor():String", "setcolor(color:String):void", "isfilled():boolean", "setfilled(filled:boolean):void", "getArea():double", "getPerimeter():double", and "toString():String". The right sidebar shows the "Course content" section with a list of 8 topics: 1. Introduction (3min), 2. History of Java (49min), 3. Types of Variables (1hr 4min), 4. Data Types in Java (1hr 5min), 5. Java Statements (56min), 6. Java Logical Programming (1hr), 7. Array Concepts: part-1 (1hr 1min), and 8. Array Concepts: part-2 (1hr 3min). The bottom of the page shows the "About this course" section with the text "Learn full stack java web development".

**Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)**

```
unit=int(input("Enter the unit consumed:"))
```

```
#!/Reads input from user and store in variable unit
```

```
def Bil_Calc(unit): #function definition
```

```
    if(unit<=100): #below100units
```

```
        print(unit*10);
```

```
    elif(unit<=200): #below 200 units
```

```
        print((100*10)+(unit-100)*15);
```

```
    elif(unit<=300):#below300units
```

```
        print(100*10)+(200-100)*15)+(unit-200)*20);
```

```
    else: # above 300 units
```

```
        print(100*10)+(200-100)*15)+(300-200)*20)+(unit-300)*25);
```

```
Bil_Calc(unit) #function cal
```