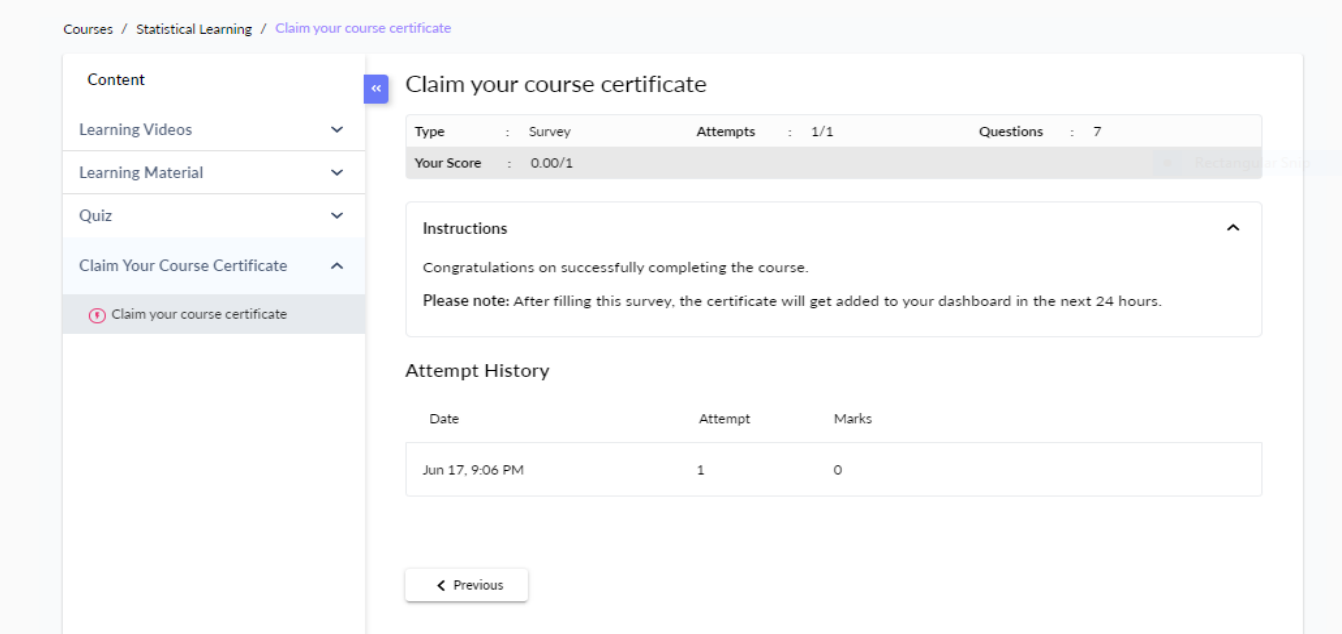
DAILY ASSESSMENT FORMAT

Date:	17/06/2020	Name:	Akshatha M Deshpande
Course:	Great learning	USN:	4AL17EC006
Topic:	Introduction to Probability Rules for Probability Calculation Bayes theorem Normal distribution	Semester & Section:	6th Sem A sec
Github Repository:	AkshathaDeshpande		

FORENOON SESSION DETAILS

Image of session



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Probability:

- Probability is the science of how likely events are to happen. At its simplest, it's concerned with roll of dice, or the fall of the cards in a game
- Probability is used, for example, in such diverse areas as weather forecasting and to work out the cost of your insurance premiums.

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Rules for Probability Calculation:

- Before discussing the rules of probability, we state the following definitions:
- Two events are mutually exclusive or disjoint if they cannot occur at the same time.
- The probability that Event A occurs, given that Event B has occurred, is called a conditional probability. The conditional probability of Event A, given Event B, is denoted by the symbol P(A|B).
- The complement of an event is the event not occurring. The probability that Event A will not occur is denoted by P(A').
- The probability that Events A and B both occur is the probability of intersection of A & B. The probability of the intersection of Events A and B is denoted by P(A ∩ B). If Events A & B are mutually exclusive, P(A ∩ B) = 0.
- The probability that Events A or B occur is the probability of the union of A and B. The probability of the union of Events A & B is denoted by P(A ∪ B).
- If the occurrence of Event A changes the probability of Event B, then Events A&B are dependent. On the other hand, if the occurrence of Event A does not change the probability of Event B, then Events A and B are independent

CERTIFICATE:

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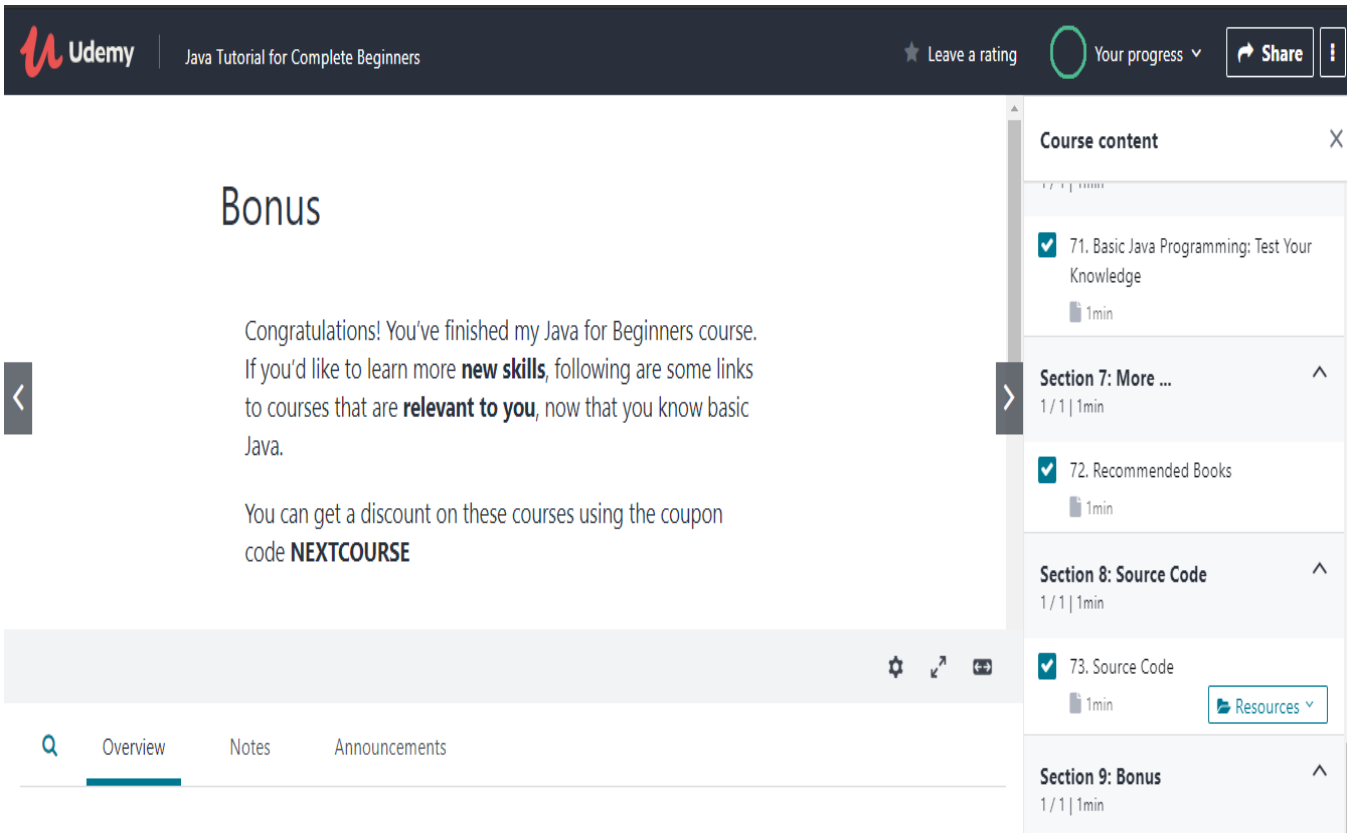
Date:	17/06/2020	Name:	Akshatha M Deshpande
Course:	Java	USN:	4AL17EC006
Topic:	Programming	Semester & Section:	6th Sem A sec

AFTERNOON SESSION DETAILS

Image of session



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Appendix:

- Eclipse Shortcuts
- Getting a Job Extended Version:
- What you need, a strategy for finding …
- Ten Tips for Improving Your Coding
- Debugging in Eclipse

What's New In Java 8?

- Lambda Expressions
- Basic Java Programming: Test Your Knowledge
- Some books were Recommended
- Source Code

Lambda expressions:

```
public class App {

    public static void main(String[] args) {

        int c = 100;
        // Mustn't do this: c = 8;

        int d = 77;

        Runner runner = new Runner();
        runner.run(new Executable() {
            public int execute(int a, int b) {
                System.out.println("Hello there.");
                // Can do this in methods of anonymous classes int d = 8;
                return a + b + c;
            }
        });

        System.out.println("----------------------");

        runner.run( (a,b) -> {
            System.out.println("Hello there.");
            // Can't do this; no new scope. int d = 99;
            return a + b + c;
        });

    }
}
```

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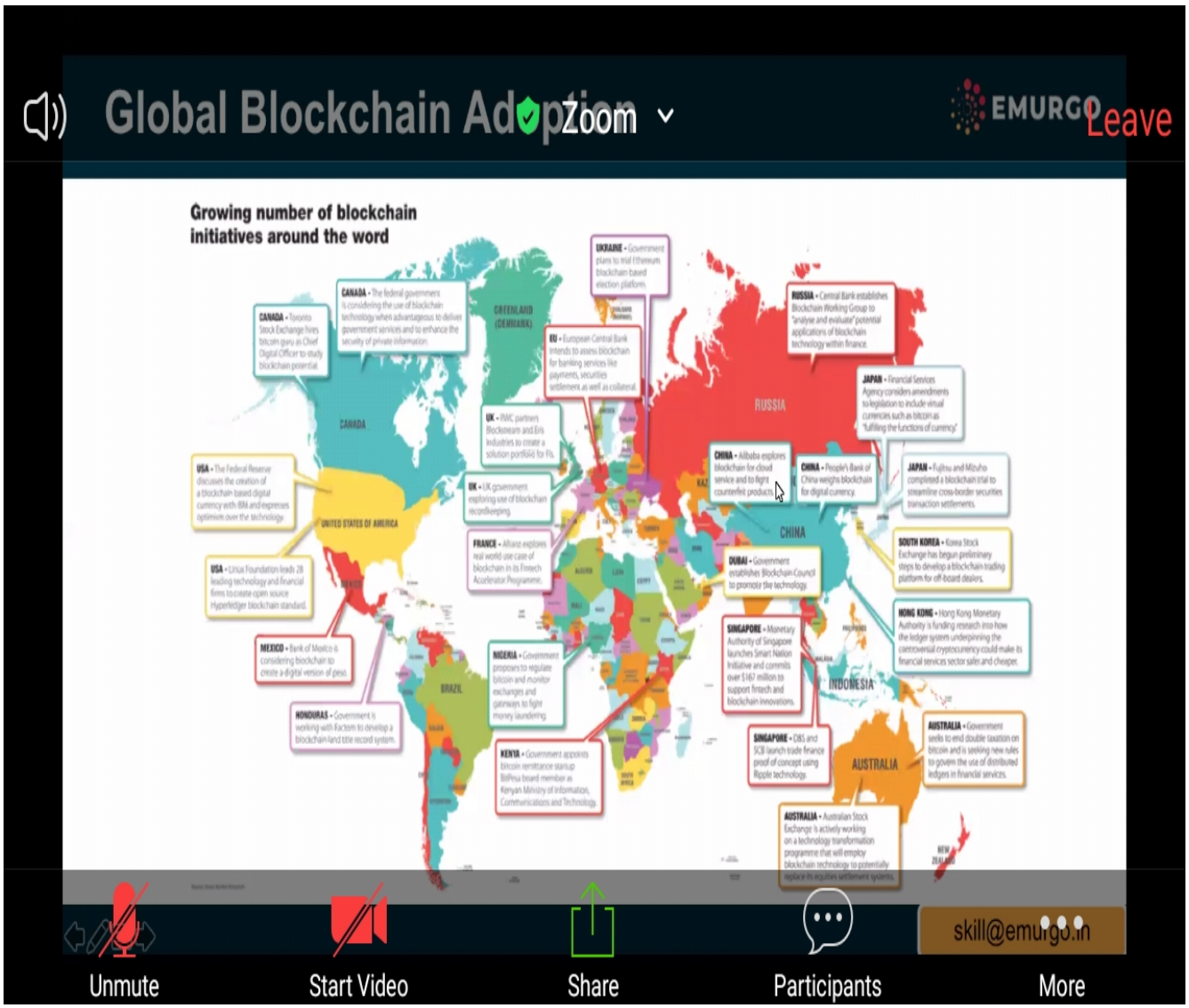
Date:	17/06/2020	Name:	Akshatha M Deshpande
Course:	EMURGO India	USN:	4AL17EC006
Topic:	Block chain technology	Semester & Section:	6th Sem A sec



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