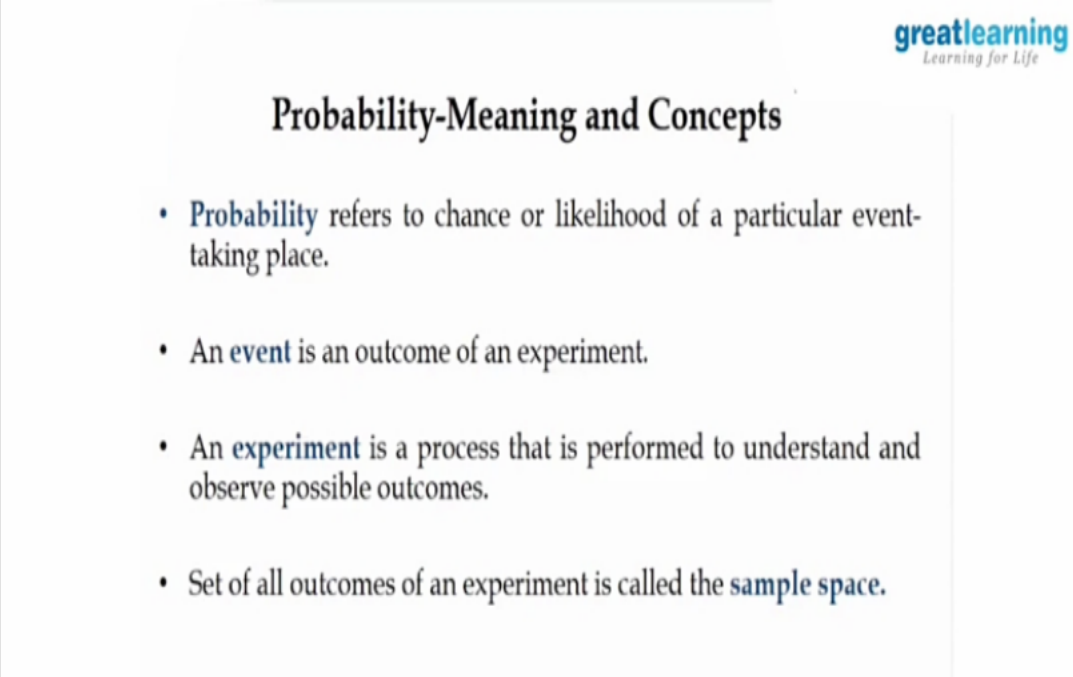


DAILY ASSESSMENT FORMAT

Date:	17/06/2020	Name:	Nichenametla Bhargavi
Course:	Statistical Learning	USN:	4AL17EC061
Topic:	1. Introduction to Probability 2. Rules for Probability calculation 3. Bayes' Theorem 4. Normal Distribution	Semester & Section:	6th Sem A sec
Github Repository:	Bhargavi_Nichenametla		

FORENOON SESSION DETAILS

Image of session



The screenshot shows a presentation slide with the Great Learning logo in the top right corner. The title is 'Probability-Meaning and Concepts'. Below the title is a bulleted list of four items: 'Probability' refers to chance or likelihood of a particular event-taking place; An 'event' is an outcome of an experiment; An 'experiment' is a process that is performed to understand and observe possible outcomes; and Set of all outcomes of an experiment is called the 'sample space'.

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Probability-Meaning and Concepts

- **Probability** refers to chance or likelihood of a particular event-taking place.
- An **event** is an outcome of an experiment.
- An **experiment** is a process that is performed to understand and observe possible outcomes.
- Set of all outcomes of an experiment is called the **sample space**.

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

- Probability refers to Chance or Likelihood of a particular event taking Place
- An Event is an Outcome of an Experiment
- Set of all Outcomes of an Experiment is called Sample Space

Types of Probability:

- A prior Classical Probability
- Empirical Probability
- Subjective Probability

Probability :

Probability of an event a is Defined as the ratio of Two numbers m and n .in Symbols

$$P(A) = m/n$$

where m= number of ways that are favorable to the occurrence of A and n=the total number of outcomes of the experiment please note that P(A) is always ≥ 0 and always ≤ 1 . P(A) is a pure number

Rules of Probability Calculation:

1.Addition Rule-Events are mutually Exclusive : $P(A \cup B) = P(A) + P(B)$

This rule says that the probability of the union of A and B is determined by adding the probability of the events A and B.

Here the symbol $(A \cup B)$ is called A union B meaning A occurs,or B occurs or both A and B simultaneously occur.When A and B are mutually exclusive,A and B cannot simultaneously occur.

2.Addition Rule-Events are not mutually exclusive

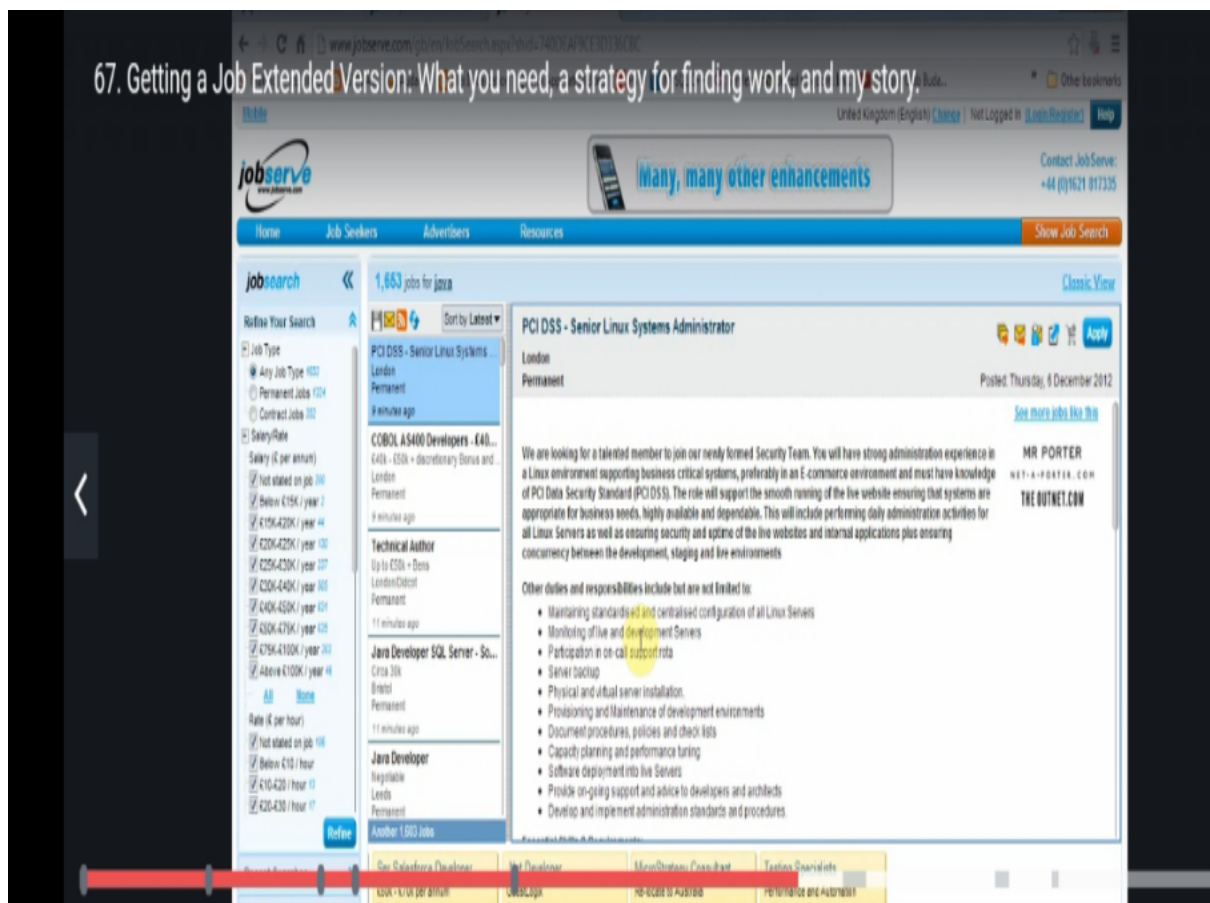
$$P(A \cup B) = P(A) + P(B) - P(A \cap B)$$

This rule says that the probability of the union of A and B is determined by adding the probability of the events A and B and then subtracting the probability of the intersection of the events A and B. This Symbol $P(A \cap B)$ is called A intersection B meaning both A and B simultaneously occur.

Date:	17/06/2020	Name:	Nichenametla Bhargavi
Course:	Java	USN:	4AL17EC061
Topic:	Programming in core Java	Semester & Section:	6th Sem A sec
Github Repository:	Bhargavi_Nichenametla		

AFTERNOON SESSION DETAILS

image of the session

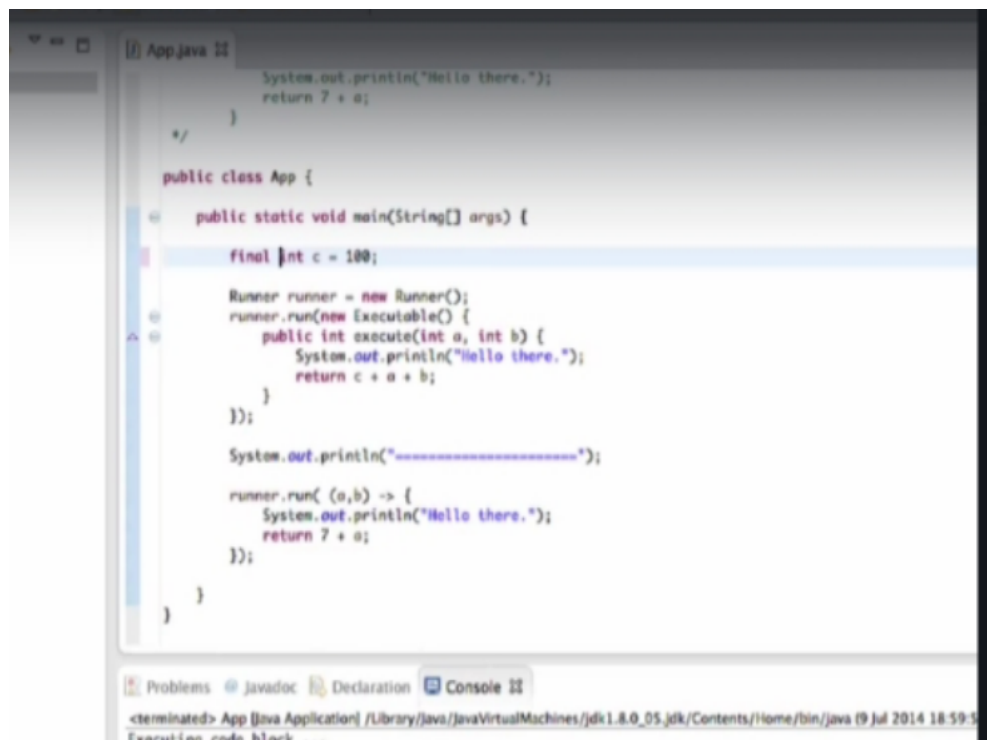


Report – Report can be typed or hand written for up to two pages.

Programming in core Java:

1. Came across Appendix and Eclipse Shortcuts
2. Getting a Job Extended Version: What you need, a strategy for finding work, and my story.
3. Ten Tips for Improving Your Coding
4. Debugging in Eclipse
5. What's new in java 8? and Lambda Expressions were discussed.
6. Basic Java Programming: Test Your Knowledge learnt.
7. Source code and Bonus are discussed.

Example for Lambda Expression:



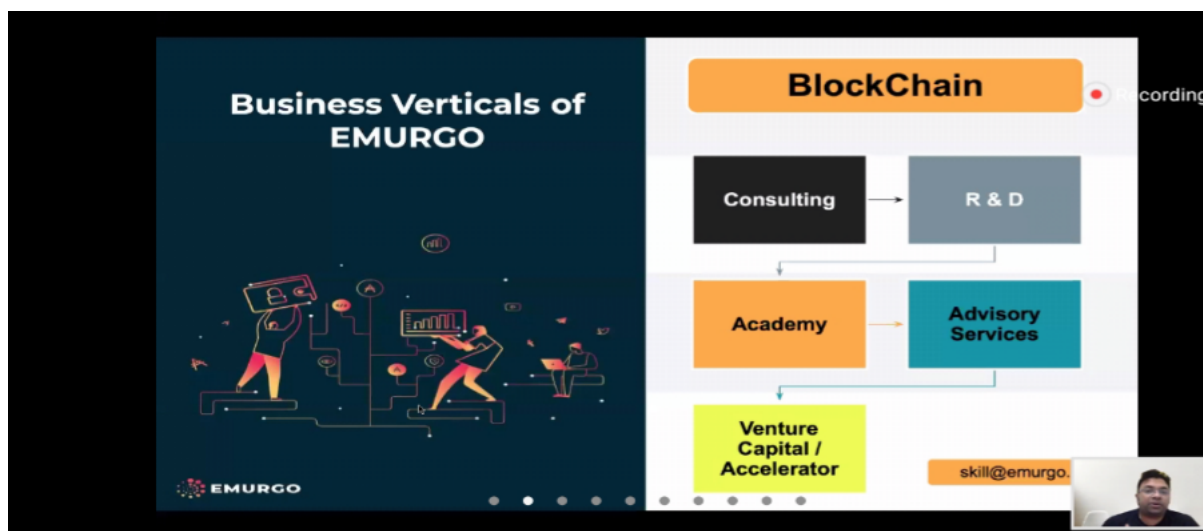
```
App.java
System.out.println("Hello there.");
return 7 + a;
}
*/
public class App {
    public static void main(String[] args) {
        final int c = 100;
        Runner runner = new Runner();
        runner.run(new Executable() {
            public int execute(int a, int b) {
                System.out.println("Hello there.");
                return c + a + b;
            }
        });
        System.out.println("Hello there.");
        runner.run( (a,b) -> {
            System.out.println("Hello there.");
            return 7 + a;
        });
    }
}
```

Problems Javadoc Declaration Console

<terminated> App [Java Application] /Library/Java/JavaVirtualMachines/jdk1.8.0_05.jdk/Contents/Home/bin/java (9 Jul 2014 18:59:55)
Executing code block ...

Date:	17/06/2020	Name:	Nichenametla Bhargavi
Course:	Webinar	USN:	4AL17EC061
Topic:	Blockchain Technology and its usage	Semester & Section:	6th Sem A sec
Github Repository:	Bhargavi_Nichenametla		

Image of the session



Certificate of Statistical Learning:

