

# 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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**Instructions**

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**Attempt History**

Date	Attempt	Marks
Jun 17, 9:06 PM	1	0

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

### 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.

## 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  $P(A \cap B)$ . If Events A & B are mutually exclusive,  $P(A \cap B) = 0$ .
- 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  $P(A \cup B)$ .
- 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:



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

## AFTERNOON SESSION DETAILS

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## Bonus

Congratulations! You've finished my Java for Beginners course. If you'd like to learn more **new skills**, following are some links to courses that are **relevant to you**, now that you know basic Java.

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### Course content

- 71. Basic Java Programming: Test Your Knowledge (1min)
- Section 7: More ... (1 / 1 | 1min)
- 72. Recommended Books (1min)
- Section 8: Source Code (1 / 1 | 1min)
- 73. Source Code (1min) [Resources](#)
- Section 9: Bonus (1 / 1 | 1min)

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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;  
        });  
    }  
}
```

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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