

Vidyavardhini's College of Engineering and Technology

Department of Artificial Intelligence & Data Science

AY: 2024-25				
Class:	SE	Semester:	ПТ	
Course Code:		Course Name:	Object oriented Prosquaming	

Name of Student:	Athama. V. Boxe
Roll No. :	07.
Assignment No.:	01
Title of Assignment:	
Date of Submission:	
Date of Correction:	

Evaluation

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Performance Indicator	E. I.C.		-
	Exceed Expectations (EE)	Meet Expectations (ME)	Below Expectations (BE)
Completeness	5		Below Expectations (BE)
Demonstrated	3	3-4	1-2
Knowledge Legibility	3	2	1
Legibility	2	1	0

Checked by

Name of Faculty : Signature :

Date

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6.		alta and method.	ap	perall an duta
	2) principle	Eccupsul altion, Blo straits	fo	ous or junction
	-	Enheritaine, paly-	an	nd procedure so -
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1		abject and classes.		profective or funting
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	6) Complexity.	Switted for longue	en	hatted day
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		Components.	11	application
	7) Èn			Marshon.
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	of languages.	python et		
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Gundaram

FOR EDUCATIONAL USE

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Javo, is a widely used sursatile programphy language that is designed to have a ramety of a Jeatures to enhance. its functionally and Jeature of Java 1) object oriented: Java Jallaus the object oriented programming pravodigm, which encourges code remability 2) Platform Independent: Java ende is compiled ento byte code which can be enecuted orang prayons that has a Juin 3) Simple: Java has a extrao get farward syntem Irnilar to C+ +, but with fower compres Jentere such as parners und aperatas everbolding Jor developing applications incurage is kuild in security features 1 High performance: Towa cutieves high performance through the use of Just - 3h so application

FOR EDUCATIONAL USE

(Sundaram)

Role of 7VM: The Java virtual machine is a crucial componer ay the Java runtine Environment reponsible Jor enecuting Java byth by the wide never ho a breakdown of this role 1) Encution of byth code: The TVM interprets are enecusts, sava bythode, which is playour Independent, alforn Java program to run on day any device with a compatible Tum 2) Miniony managnimit. The Tim handler nunory allocation and deallo certicis through is build in garbage collector. 5) Security: The FVM provids a secure enecution environment by injorcing strict ountine will and revoly police Diagram set of hitration Devel prus touls eg and etc. 6ther tiles JRE JDK FOR EDUCATIONAL USE Sundaram

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