Name Archit Agrawal
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	Sign: fichit Agramas	
1	CS201: Object Oriented Design and Programming	
	Remote Midsem Exam	
8	1.	
	2 -> class Name 2 -> attributes of class 'order' 3 -> methods of class 'order'	
_	4 -> Abstract Class Inheritance of Abstract Class (heneralise) Accordance of Abstract Class (heneralise)	cution)
	€ → Aggregation 7 → Multiplicity	
	9 7 One to Many Association	
+	10 > Association	
	12 -> public 12 -> protected	

Name: Archit Agrawal Student 1D: 202051213 W Page 2 Sign: felit fenaval 3. Abstract Clapp Interface · An abstract class can · Interface can have only have abstract and nonabstact methods. abstract methods. · An abstract class can · variables declared in have final, non-final, an Java interface are Static, non-static vaniables. by default final and · An abstract class can · An interface can extend extend another, Java anothe Java interface class and implement multiple Java interfaces The section of the se

Name: Archit Agrawal Student ID: 20205 1213 Sign: Archit Agrawal



A _c
1/ Return the title of this video tape
public Stowing get Title () {
return tuis . title !
// Return the classification of this video tape
public String get Classification () {
and the second of the second o
return this elassification;
- 100 · 00 · 00 · 00 · 00 · 00 · 00 · 00
to the tree of the William
/ Return the time of this video tape
11 as a string in the format: 2:06
public Stering get Time () {
int hours = this. time 60;
Int minutes = this time 1.60;
String h = Integer . to String (hours);
String m = Integer to String (minutes);
Cfrance a = 1111.
String $S = ""$ $S = h + ":" + m;$
S - Minutes ?
return s;

Student 1D: 202051213 Sign fullit foraveil. 11 set a new classification for this video tape public void set Classification (String 3) { this · classification = s; I Print the details of video tape to output 11 terminal in the format [1 Aman Singh (COMEDY) 2:16 public String show Detaits () { String s = this . title + "(" + this . classification) + ")"; 324 Zamilger Timel) s = tous. get Time(); neturn s; public void show Details () { string s = two title + "("+ two classification + ")" s += this, get Time(); System, out, println (s);

Name: Archit Agrawed

Name: Archit Agrawal Chadent 10. 2010x1213 sign felot famural 5. class ISBN } protected isbn No; Monetractor

public ISBN (String S) { this. Isbn No = 50}: // getter - setter public String get ISBN() { return this isbn No; } public void set ISBN (String s) } this. isbnNo = S? prevente String Mame; private String author; private string publisher; pourvate String city, Private String date; pouvate float price; provide String isbn Num, 11 constructor public Book (String name, String author, & float price).

Name: Archit Agrapol Student 10: 20205 1213 Sign: Achit Agrawal this name = name ; this author = author; this price = price; public void set Book ISBN (String S) { twis. isbn Num = S;} public String get Author () {return this author; } public String get Book LSBN () Exeturn this is by Nem? public void print Details () } System out printin ("Book Title: "+ turb name); System-out printin ("Book Author" + this outhor); System out printin (" Book Publisher: "+ thus. publisher); System out printin (" 15BN 6"+ two ison Nem);

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	6
indeg.	The name and id defined in the
	Employee class have private access
	Hence, they cannot be inherested by
	Manager class.
	The state of the s
	The following changes are required:
*	In line [3], change 'private' to 'protected In 'line [4], change 'private' to protected
	In line [4] change perivate to protected
	Now, that the "rame" and "id"
	protected access, they become prevente
	in the Manager class. The name and id a can be accessed using the
	and id a can be accessed using the
6	
	The state of the s
	public access.
*	
	In line [22] change treturn type 'void'
	to String!
	A. I
	As 'department' is of return String type,
	return type of the get Deprtment() Should
	be String'. Should
	V