

Vidyavardhini's College of Engineering and Technology Department of Artificial Intelligence & Data Science

AY: 2024-25					
Class:	SE	Semester:	工厂		
Course Code:	CSL304	Course Name:	OOPT		

Name of Student:	Aman	Mehtar
Roll No. :	32	
Assignment No.:	0.3	
Title of Assignment:		
Date of Submission:		
Date of Correction:		

Evaluation

Performance Indicator	Max. Marks	Marks Obtained
Completeness	. 5 .	5
Demonstrated Knowledge	3	3
Legibility	2	2
Total	10	10

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

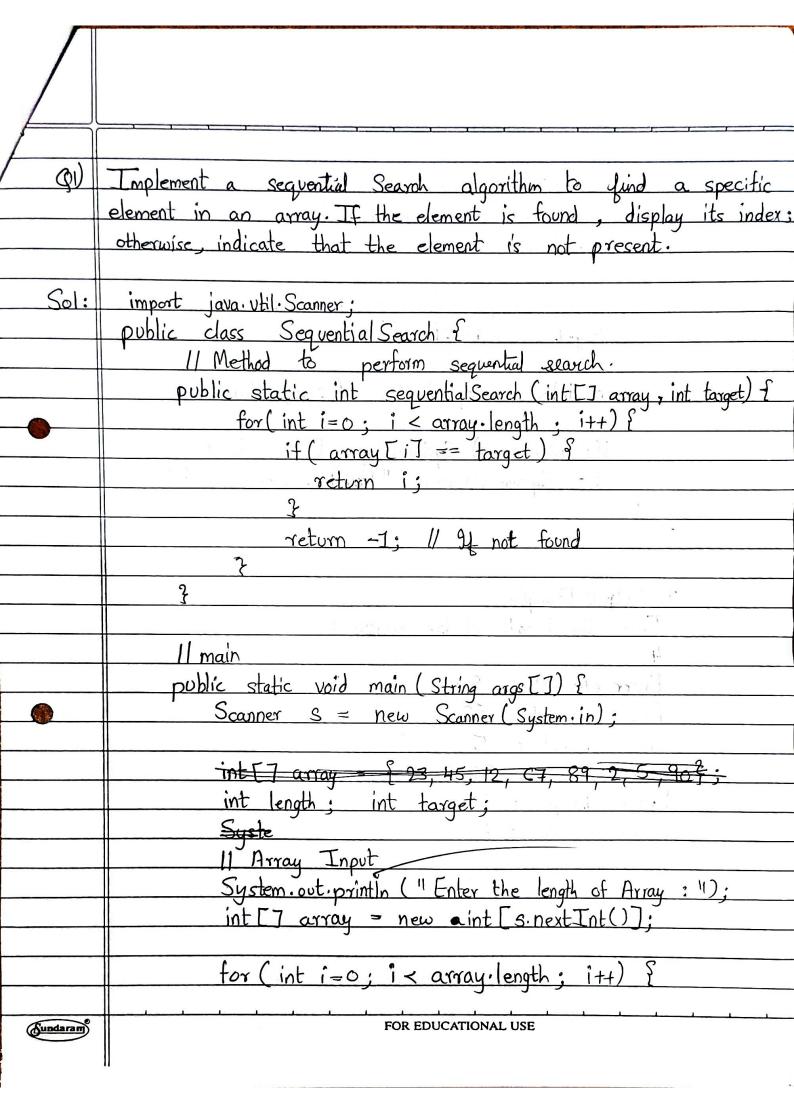
Checked by

Name of Faculty

: Ms - Neha Raut.

Signature

Date



```
System. out-print ("Enter element: ");
               array [i] = s. next Int();
} 11 for
               System.out.print (" Enter target: ");
target = s.nextInt ();
                int index = sequential Search (array, target);
                if ( index == -1) System out print ( "Not found ");
else System out print ( "Found at index: " + index);
         * Output Example.
          Enter the length of the array:
           Enter element: 83
           Enter element: 52
          Enter element: 5
          Enter element: 36
          Enter target: 5
          Found at index: 1
(Sundaram)
                                         FOR EDUCATIONAL USE
```

(2)	Develop a Java program that determines the number of
7 35	Tout to the program years
	days in a given semester. I put to the program year,
	month, and day Information of the first and last days of
	the semester. The program should accept the date information as
	a single string instead of accepting year, month and day
	information seperately. The input string must be in the
	MM/DD/YYYY (Assuming the semester starts and ends in
	the same year and assume each month has 30 days.
<u>Sol:</u>	import java. util. Scanner;
	public class Semesterdays Calculator {
	1/ Method to parse date from mm/dd/yyyy string
	public static int parse Date (String date) &
	int month = Integer.parse Int (date.substring (10,2));
	int day = Integer. parse Int (date · substring (3,5));
	return (month * 30 \$ day
	return ((month-1) * 30 + day);
	}
	public static void main (String args[]) {
	Scanner S = new Scanner (Systemin);
	System. out. print ("Enter start date of the semester!"):
	System. out. print ("Enter start date of the semester:"); String start = s.nextLine();
	J
	System, out, print (" Find and date of the something ").
	System. out. print (" Find end date of the semester: "); String end = SinextLine ();
<u>Sundaram</u>	FOR EDUCATIONAL USE

```
int start Int = parce Date (start);
              int end Int = parse Date (end);
             int days = end Int - start Int;
           System. out. print (" Days in semester: "+ days);
        Output Example
        Enter start date of semester: $ 07/15/2024.
        Enter end date of semester: 11/12/2014
        Days in semester: 120
(Sundaram)
                               FOR EDUCATIONAL USE
```