

TT JAVA MODULE-VIII

Started on	Tuesday, 5 September 2023, 11:04 AM
State	Finished
Completed on	Tuesday, 5 September 2023, 11:38 AM
Time taken	33 mins 38 secs
Grade	100.00 out of 100.00

Question 1

Correct

Mark 20.00 out of 20.00

🚩 Flag question

Implement a Java Program to write a String in a file "testout.txt" using FileOutputStream

Note: Write a String "Welcome to Saveetha"

For example:

Result

```
Successfully Completed  
Welcome to Saveetha  
java.io.IOException: Stream Closed
```

Answer: (penalty regime: 0 %)

Reset answer

```
1 String s = "Welcome to Saveetha";  
2 byte b[] = s.getBytes();  
3 FileOutputStream fs = new FileOutputStream("testout.txt",true);  
4  
5 fs.write(b);  
6  
7 System.out.println("Successfully Completed");  
8 fs.close();  
9
```

	Expected	Got	
✓	Successfully Completed Welcome to Saveetha java.io.IOException: Stream Closed	Successfully Completed Welcome to Saveetha java.io.IOException: Stream Closed	✓

Passed all tests! ✓

Marks for this submission: 20.00/20.00.

Question 2

Correct

Mark 20.00 out of 20.00

Flag question

Write a java Program for reading the characters from the user and print in the display screen using Buffered InputStream

For example:

Test	Input	Result
1	Saveetha	S a v e e t h a

Answer: (penalty regime: 0 %)

```
1 |import java.util.*;
2 |
3 |class prog{
4 |    public static void main(String args[]){
5 |        Scanner sc = new Scanner(System.in);
6 |
7 |        String s = sc.nextLine();
8 |
9 |        for(int i = 0; i < s.length(); i++){
10 |            System.out.println(s.charAt(i));
11 |        }
12 |    }
13 |}
```

	Test	Input	Expected	Got	
✓	1	Saveetha	S a v e e t h a	S a v e e t h a	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 3

Question

Correct

Mark 20.00 out of 20.00

Flag question

Implement a Java Program to write a String in a file "testout.txt" using FilterOutputStream

Note: Consider String str as "Welcome to FilterOutput Stream File" . Use predefined function write(byte[] array, int start, int length) .Set the Starting value as 3 and length as 9 store the characters in the file

For example:

Input	Result
3 10	come to F java.io.IOException: Stream closed

Answer: (penalty regime: 0 %)

Reset answer

```

1 String s = "Welcome to FilterOutput Stream File";
2 byte b[] = s.getBytes();
3 FileOutputStream fs = new FileOutputStream("testout.txt",true);
4 Scanner sc = new Scanner(System.in);
5 int a = sc.nextInt();
6 int d = sc.nextInt();
7 fs.write(b,a,d-1);
8
9 fs.close();

```

	Input	Expected	Got	
✓	3 10	come to F java.io.IOException: Stream closed	come to F java.io.IOException: Stream closed	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question 4

Correct

Mark 20.00 out of 20.00

Flag question

Write a Java program to print Student details (name, Department) dept is same to all members in the class. Use static type variable to access age.

For example:

Input	Result
John	Student name: John Department: AIDS
Ram	Student name: Ram Department: AIDS

Answer: (penalty regime: 0 %)

1	import java.util.*;	
2	class Student{	
3	String dept = "AIDS";	
4		
5	void display(String name){	
6	System.out.println("Student name: " + name + " Department: " + dept);	
7	}	
8	}	
9		
10	class prog{	
11	public static void main(String args[]){	
12	Student s = new Student();	
13	Scanner sc = new Scanner(System.in);	
14	String a = sc.nextLine();	
15	String b = sc.nextLine();	
16		
17	s.display(a);	
18	s.display(b);	
19	}	
20	}	

	Input	Expected	Got	
✓	John Ram	Student name: John Department: AIDS Student name: Ram Department: AIDS	Student name: John Department: AIDS Student name: Ram Department: AIDS	✓
✓	Hema Shyam	Student name: Hema Department: AIDS Student name: Shyam Department: AIDS	Student name: Hema Department: AIDS Student name: Shyam Department: AIDS	✓
✓	Josh Moni	Student name: Josh Department: AIDS Student name: Moni Department: AIDS	Student name: Josh Department: AIDS Student name: Moni Department: AIDS	✓

Passed all tests! ✓

Correct

Marks for this submission: 20.00/20.00.

Question **5**

Correct

Mark 20.00 out of 20.00

🚩 Flag question

Write a Java Program to read the content from the String using Reader

Note: Initialize String Value as "WELCOME ALL." and Display the Content of the String using predefined function

Initialize char[] array = new char[12];

For example:

Result
Data read from the string:

WELCOME ALL.
Result

Answer: (penalty regime: 0 %)

Reset answer

```
1 import java.io.*;
2 class prog{
3     public static void main(String args[]){
4         String s = "WELCOME ALL.";
5         Reader fs = new StringReader(s);
6         char[] array = new char[12];
7
8         try{
9             fs.read(array);
10
11             System.out.println("Data read from the string:");
12             System.out.println(array);
13         }
14         catch(Exception e){
15             System.out.println(e);
16         }
17
18     }
19 }
20 }
```

	Expected	Got	
✓	Data read from the string: WELCOME ALL.	Data read from the string: WELCOME ALL.	✓

Passed all tests! ✓

Result

Marks for this submission: 20.00/20.00.

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