

Lab:- 8 (Output)

Q.N:- 1

```
C:\Windows\System32\cmd.e  X  +  v

Microsoft Windows [Version 10.0.22621.2134]
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C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example1.java

C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example1
ArithmeticException: / by zero
ArrayIndexOutOfBoundsException: Index 10 out of bounds for length 6
NumberFormatException: For input string: "unique"
```

Q.N:- 2

```
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example.java
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example
Enter initial balance: 5000
Enter withdrawal amount: 6000
Withdrawal failed: Insufficient balance
```

Q.N:- 3

```
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example4.java
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example4
Character at index 7: W
Extracted characters (getChars): World
Converted to character array: Hello, World!
Equals: false
EqualsIgnoreCase: true
CompareTo (str1 vs str3): 1
Substring from index 7: ogramming
Concatenated string: Java Programming is fun!
Replaced 'b' with 'B': Java Programming
```

Q.N:- 4a

```
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example5.java
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example5
Main Thread
Main Thread
Main Thread
Main Thread
Main Thread
Main Thread
Main Thread
Main Thread
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread.
Test Thread processing ends.
Main Thread
Main Thread
Main Thread processing ends.
```

Q.N:- 4b

```
C:\Windows\System32\cmd.e  X  +  v

C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example5B
From Class B Execution 0
From Class B Execution 1
From Class B Execution 2
From Class B Execution 3
From Class B Execution 4
From Class B Execution 5
From Class B Execution 6
From Class B Execution 7
From Class B Execution 8
From Class B Execution 9
From Class B Execution 10
From Class B Execution 11
From Class B Execution 12
From Class B Execution 13
From Class B Execution 14
Class B End of Task.
From Class A Execution 0
From Class A Execution 1
From Class A Execution 2
From Class A Execution 3
From Class A Execution 4
From Class A Execution 5
From Class A Execution 6
From Class A Execution 7
From Class A Execution 8
From Class A Execution 9
From Class A Execution 10
From Class A Execution 11
From Class A Execution 12
From Class A Execution 13
From Class A Execution 14
Class a End of Task.
```

Q.N 5

```
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example3.java

C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example3
Thread 1 priority: 1
Thread 2 priority: 10
Thread Thread-0 is running.
Thread Thread-1 is running.
```

Q.N 6

```
C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>javac Example6.java

C:\Users\Acer\OneDrive\Desktop\Java lab\lab 8>java Example6
Java is  Object Oriented Programming.
Java is  Object Oriented Programming.
```