Department: BCA

Faculty Name: Ashish Kumar Subject: JAVA (5<sup>th</sup> sem.)

Topic: Java throw keyword

## Java throw keyword:

- > The Java throw keyword is used to explicitly throw an exception.
- We can throw either checked or unchecked exception in java by throw keyword.
- > The throw keyword is mainly used to throw custom exception.

## **Syntax of java throw keyword:**

throw exception;

or

throw new ExceptionClassName(msg);

## **Example:**

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      public class TestThrow
          void validate(int age)
                                                          Command Prompt
           try
           if(age<18)
             throw new ArithmeticException("not valid"); c:\Users\ashish\Desktop\java>javac TestThrow.java
            System.out.println("welcome to vote");
 12
13
14
15
              catch (ArithmeticException e)
                  System.out.println(e);
         public static void main(String args[])
 19
20
21
            TestThrow obj=new TestThrow();
            obj.validate(13);
            System.out.println("rest of the code...");

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```

## **Example:**

