Part – 4

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Question
           WAP to show the try - catch block to catch the different types of exception.
           Github link - https://github.com/Kaivanshah1/Part4.git
Code:
           Output:
           java.lang.ArithmeticException: / by zero
Question
           WAP to generate user defined exception using "throw" and "throws" keyword
Code:
           Using throw keyword:
                   checkage(17);
           Using throws keyword:
```

```
Output:
            Of throw
            Exception in thread "main" java.lang.ArithmeticException: you are not mature!
                     at Main.checkage (Main.java:6)
                     at Main.main(Main.java:13)
            Of throws
            Exception in thread "main" java.lang.ArithmeticException: you are not mature!
                    at Main.checkage (Main.java:4)
                    at Main.main(Main.java:11)
Question
            Write a program that raises two exceptions. Specify two 'catch' clauses for the
3
            two exceptions. Each 'catch' block handles a different type of exception. For
            example the exception could be 'ArithmeticException' and
            'ArrayIndexOutOfBoundsException'. Display a message in the 'finally' block.
Code:
```

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```
System.out.println("main Exception occurs");

System.out.println("end of the code");

Output:

Arithmetic Exception occurs
end of the code
```