

EXCEPTION HANDLING(CLASS-1)

Programs:

1) Write a program for the following exceptions using try, catch, finally Keywords

1. Input mismatch exception
2. Array indexoutofbound exception
3. Number format exception
4. String index out of bound exception
5. Null Pointer exception

2) Guess the output for the program:

```
public class Test
{
    public static void main(String[] args)
    {
        try
        {
            System.out.printf("1");
            int sum = 9 / 0;
            System.out.printf("2");
        }
    }
}
```

```
catch(ArithmeticException e)
{
    System.out.printf("3");
}
catch(Exception e)
{
    System.out.printf("4");
}
finally
{
    System.out.printf("5");
}
}
```

Theory:

1. What is exception handling in Java?
2. What are the 5 keywords in Java exception handling?
3. What are the differences between exception and error?