

ASSIGNMENT NO 6

PROGRAM

```
import java.util.*;

public class Exceptions{

    public static void main(String[] args){

        int num1,num2,result;

        Scanner sc = new Scanner(System.in);

        try{

            System.out.println("Enter First number");

            num1 = Integer.parseInt(sc.next());

            System.out.println("Enter Second number");

            num2 = Integer.parseInt(sc.next());

            result = num1/num2;

            System.out.println("Division: "+result);

            int x[] = new int[12];

            x[15] = 10;

            System.out.println("x[15] = "+x[15]);

        }

        catch(ArithmeticException e){

            System.out.println("Denominator is zero " + e);

        }

        catch(NumberFormatException e){

            System.out.println("Input is Wrong " + e);

        }

    }

}
```

```
catch(ArrayIndexOutOfBoundsException e){  
    System.out.println("Wrong Index Number " + e);  
}  
}  
}
```

OUTPUT: