

## Experiment No. 10

Aim : Program on exception handling

Course : To implement the notion of  
outcome exception handling and multi  
threading.

Implemen :  
-tation

```
import java.util.*;  
class test  
{  
    public static void main(String args[])  
    {  
        try  
        {  
            Scanner t = new Scanner(System.in);  
            System.out.println("Enter 2 no");  
            int a = t.nextInt();  
            int b = t.nextInt();  
            int c = a/b;  
            System.out.println("Division=" + c);  
        }  
        catch (InputMismatchException in)  
        {  
            System.out.println("InputMismatch  
            Exception occur");  
        }  
    }  
}
```

```
catch (ArithmeticException is)
```

```
{
```

```
System.out.println("ArithmeticException  
occur");
```

```
}
```

```
}
```

```
}
```

## Experiment No. 11

Aim : Program to demonstrate user defined exception

COURSE : To implement the notation of  
OUTCOME exception handling and multithreading

IMPLEMENTATION :

```
import java.util.*;  
class ageNegative extends  
    Exception  
{  
    public void display()  
    {  
        System.out.println("Age  
            is negative");  
    }  
}
```

```
class test  
{  
    public static void main (String args[])  
    {  
        try  
        {  
            Scanner t = new Scanner(System.in);  
            System.out.println("Enter the  
                Age :");  
        }  
    }  
}
```

```
int age = t.nextInt();
if (age < 0)
{
    throw new ageNegative();
}
else
{
    System.out.println("Age is: " + t);
}
catch (ageNegative a)
{
    a.display();
}
}
```