Java Concept 32

- try and catch cannot be inside class directly
- try catch can be inside a method or constructor

```
1   //Error
2   class moon
3   {
4     try
5      {...}
8     catch(Exception e)
9      {...}
12  }
```

```
1   //No Error
2   class moon
3   {
4     moon(){
5       try
6        {...}
9       catch(Exception e)
10       {...}
13    }
14  }
```

```
1   //try and catch  inside class directly // Error
2   class Numbers
3   {
4       try{
5           Numbers(int a)
6            {
7              for(int i=1;i<10;i++)
8                 System.out.println("Number : "+
9                       (10*a/(a-i)));
10           }
11        }
12      catch(Exception e)
13      {
14         System.out.print(e);
15      }
16  }
17  public class JavaConcept
18  {
19
20      public static void main(String args[])
21        {
22            Numbers n_obj = new Numbers(4);
23
24        }
25  }
```

Error

```
1   //try and catch inside constructor // No Error
2   class Numbers
3   {
4     Numbers(int a)
5       {
6           try
7           {
8             for(int i=1;i<10;i++)
9             System.out.println(C.P+"Number : "+
10                      (10*a/(a-i)));
11          }
12          catch(Exception e)
13          {
14            System.out.print(e);
15          }
16      }
17
18  }
19  public class JavaConcept
20  {
21
22      public static void main(String args[])
23        {
24            Numbers n_obj = new Numbers(4);
25
26        }
27  }
```

run:
Number : 13
Number : 20
Number : 40
java.lang.ArithmeticException: / by zero