

PROGRAM:

```
import java.util.*;
```

```
public class MultipleCatches
```

```
{
```

```
    public static void main(String args[])
```

```
{
```

```
    Scanner s=new Scanner(System.in);
```

```
    System.out.println("Enter an element to be stored and a position at which it should be stored:");
```

```
    int k=s.nextInt();
```

```
    int i=s.nextInt();
```

```
    try{
```

```
        int a[]=new int[5];
```

```
        a[i]=k/0;
```

```
    }
```

```
    catch(ArithmeticException e)
```

```
{
```

```
    System.out.println("Illegal Operation.");
```

```
}
```

```
    catch(ArrayIndexOutOfBoundsException e)
```

```
{
```

```
    System.out.println("Enter a valid index.");
```

```
}
```

```
    catch(Exception e){System.out.println("Common task completed");
```

```
}
```

```
    System.out.println("Successfully Demonstrated");
```

```
}
```

```
}
```

OUTPUT:

D:\Aniket JAVA>javac MultipleCatches.java

D:\Aniket JAVA>java MultipleCatches

Enter an element to be stored and a position at which it should be stored:

12

5

Illegal Operation.

Successfully Demonstrated