

Aim:

Write a Java code for creating your own exception

Source Code:`q224/demo.java`

```
package q224;
class MyException extends Exception{
    private int ex;
    MyException(int a)
    {
        ex=a;
    }
    public String toString()
    {
        return "MyException["+ex+"] is less than zero";
    }
}
public class demo
{
    static void sum(int a,int b)throws MyException
    {
        if(a<0)
            throw new MyException(a);
        else
            System.out.println(a+b);
    }
    public static void main(String args[])
    {
        try{
            sum(-10,10);
        }
        catch(MyException e)
        {
            System.out.println(e);
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
MyException[-10] is less than zero