

Define a new exception

```
void test4()
```

```
{  
    class PEBKACException : public std::exception (Polymorphism)  
    {  
    public:  
        virtual const char * what() const throw()   
        {  
            return ("Problem exists between keyboard and chair");  
        }  
    };
```

```
try
```

```
{  
    test3();
```

```
    catch (PEBKACException &e) ← specific catch
```

```
    {  
        // Handle the fact that the user is an idiot
```

```
    }  
    catch (std::exception &e) ← generic catch
```

```
    {  
        // Handle other exceptions like std::exception (← or descendants)
```

```
    }
```

try-catch → consumes lots of resources so not to be used
when a function fails often, for rarer exceptions