



移动平台应用软件开发

TextWatcher

主讲：张齐勋

zhangqx@ss.pku.edu.cn

《移动平台应用软件开发》课程建设小组

北京大学

二零一五年



北京大学



textwatcher01



1234567890

1234567890

你输入的字数已经超过了限制！



北京大学



```
<TextView
```

```
    android:id="@+id/t"
```

```
    android:text="@string/hello_world"
```

```
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content" />
```

```
<EditText
```

```
    android:id="@+id/edittext"
```

```
    android:layout_width="fill_parent"
```

```
    android:layout_height="wrap_content"
```

```
    android:layout_below="@id/t"/>
```

```
private TextView mTextView;
```

```
private EditText mEditText;
```

```
@Override
```

```
protected void onCreate(Bundle savedInstanceState) {
```

```
    super.onCreate(savedInstanceState);
```

```
    setContentView(R.layout.activity_main);
```

```
    mTextView = (TextView)findViewById(R.id.t);
```

```
    mEditText = (EditText)findViewById(R.id.edittext);
```

```
    mEditText.addTextChangedListener(mTextWatcher);
```

```
}
```



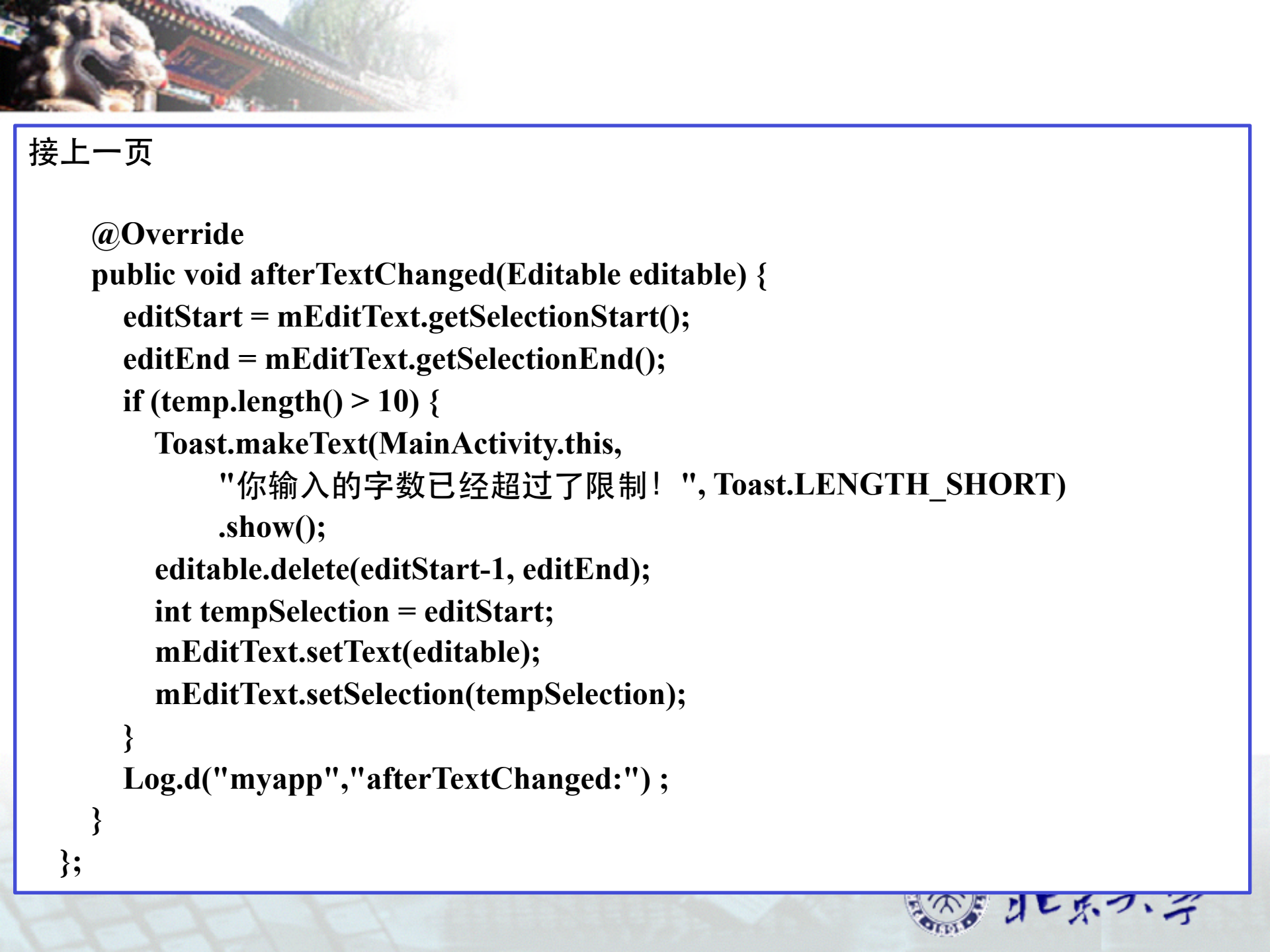


```
TextWatcher mTextWatcher = new TextWatcher() {  
    private CharSequence temp;  
    private int editStart ;  
    private int editEnd ;  
    @Override  
    public void beforeTextChanged(CharSequence charSequence, int i, int i2, int i3) {  
        temp = charSequence;  
        Log.d("myapp","beforeTextChanged:"+temp) ;  
    }  
  
    @Override  
    public void onTextChanged(CharSequence charSequence, int i, int i2, int i3) {  
        mTextView.setText(charSequence);  
        Log.d("myapp","onTextChanged:"+charSequence) ;  
    }  
}
```

接下一页



北京大學



接上一页

```
@Override
public void afterTextChanged(Editable editable) {
    editStart = mEditText.getSelectionStart();
    editEnd = mEditText.getSelectionEnd();
    if (temp.length() > 10) {
        Toast.makeText(MainActivity.this,
            "你输入的字数已经超过了限制! ", Toast.LENGTH_SHORT)
            .show();
        editable.delete(editStart-1, editEnd);
        int tempSelection = editStart;
        mEditText.setText(editable);
        mEditText.setSelection(tempSelection);
    }
    Log.d("myapp","afterTextChanged:");
}
};
```





Q&A

本讲结束！



北京大学