These are the commands for the follow-along exercises in Lesson 1.3.

1.302 Django views

helloworld/views.py

```
from django.http import HttpResponse

def simple_view(request):
    html = "<html><body>Hello world!</body></html>"
    return HttpResponse(html)
```

helloworld/views.py

```
header = request.META
ip = header['REMOTE_ADDR']
html = "<html><body>Your IP Address is: "+ip+"</body></html>"

return HttpResponse(html, content_type='text/html')


return HttpResponse(html, content_type='text/html', status=200)
```

1.304 Django models

helloworld/models.py

```
class Person(models.Model):
    name = models.CharField(max_length=500, null=False,
                            blank=False, db_index=True)
    age = models.IntegerField(null=False, blank=True)

    def __str__(self):
        return self.name

class Address(models.Model):
    number = models.IntegerField(null=False, blank=True)
    street_name = models.CharField(max_length=500, null=False,
                                   blank=True)
    resident = models.ForeignKey(Person, null=True,
on_delete=models.SET_NULL)
```

helloworld/views.py

```
def simple_view(request):
    addresses = Address.object.all()
    first_address = address[0]
```

```
    resident_name = str(first_address.resident)
    html = "<html><body>Name: "+resident_name+"<br />Address:
"+first_address.street_name+"</body></html>"
    return HttpResponse(html)
```

1.305 Django templates

helloworld/views.py

```
return render(request, 'helloworld/simple.html', {'address':
first_address,'name': resident_name})
```

templates/helloworld/simple.html

```
<!DOCTYPE html>
<html>
  <head></head>
  <body></body>
</html>
```

templates/helloworld/simple.html

```
  <body>
    <h1>Simple Title For This Page</h1>
  </body>
```

templates/helloworld/simple.html

```
  <body>
    <h1>Simple Title For This Page</h1>
    <p>
      Name: {{ name }}<br />
      Address: {{ address }}
    </p>
  </body>
```

templates/helloworld/simple.html

```
  <body>
    <h1>Simple Title For This Page</h1>
    <p>
      Name: {% name.upper() %}<br />
      Address: {{ address }}
    </p>
  </body>
```

templates/helloworld/simple.html

```
  <body>
    <h1>Simple Title For This Page</h1>
    <p>
```

```
      Name: {% name.upper() %}<br />
      Address: {{ address }}<br />
      {% if True %}Hello there.{% endif %}
    </p>
  </body>

   <head>
      <meta name="keywords" content="HTML,Django,Tutorial">
   </head>
```

templates/helloworld/base.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="keywords" content="HTML,Django,Tutorial">
  </head>
  <body>
    {% block content %}
    {% endblock %}
  </body>
</html>
```

templates/helloworld/simple.py

```
{% extends 'base.html' %}
  {% block content %}
    <h1>Simple Title For This Page</h1>
    <p>
      Name: {{ name }}<br />
      Address: {{ address }}
    </p>
  {% endblock %}
```

1.307 Django URLs

helloworld/urls.py

```
path('simple', views.simple_view, name='simple'),
```