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variables – Django Templates

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A Django template is a text document or a Python string marked-up using the Django template language. Django being a powerful Batteries included framework provides convenience to rendering data in a template. Django templates not only allow passing data from view to template, but also provides some limited features of a programming such as variables, for loops, etc. This article revolves about how to use a variable in Template. A variable outputs a value from the context, which is a dict-like object mapping keys to values.

Syntax:

```
{{ variable_name }}
```

Example:

Variables are surrounded by {{ and }} like this:

```
My first name is {{ first_name }}. My last name is {{ last_name }}.
```

With a context of {'first_name': 'Naveen', 'last_name': 'Arora'}, this template renders to:

```
My first name is Naveen. My last name is Arora.
```

variables- Django templates Explanation

Illustration of How to use variables in Django templates using an Example. Consider a project named geeksforgeeks having an app named geeks.

Refer to the following articles to check how to create a project and an app in Django.

- *How to Create a Basic Project using MVT in Django?*
- *How to Create an App in Django ?*

Now create a view through which we will pass the context dictionary,
In geeks/views.py,

Python3

```python
# import render from django
from django.shortcuts import render

# create a function
def geeks_view(request):
    # create a dictionary
    context = {
        "first_name" : "Naveen",
        "last_name"  : "Arora",
    }
    # return response
    return render(request, "geeks.html", context)
```

Create a url path to map to this view. In geeks/urls.py,

Python3

```python
from django.urls import path

# importing views from views..py
from .views import geeks_view

urlpatterns = [
    path('', geeks_view),
]
```
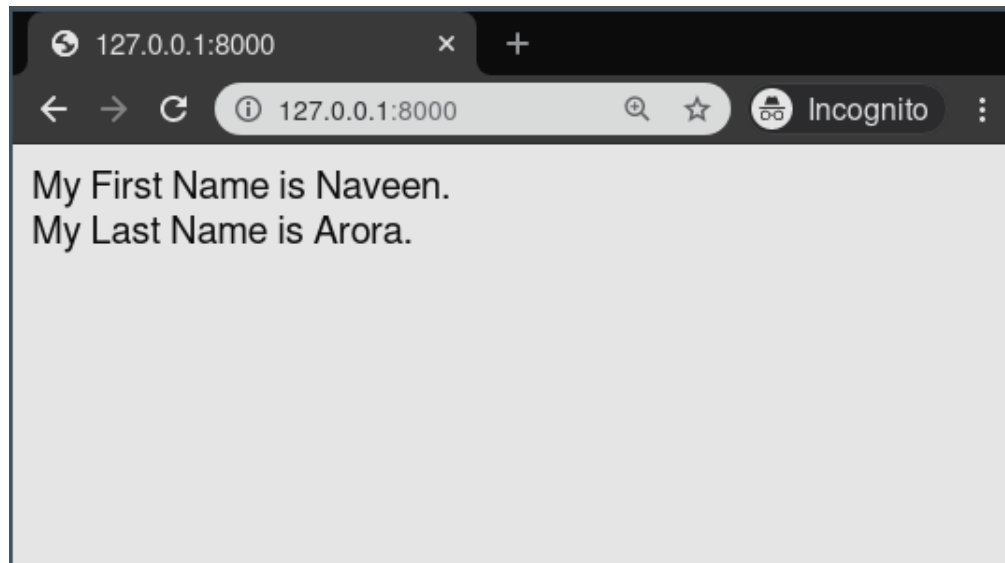
Create a template in templates/geeks.html,

html

```
My First Name is {{ first_name }}.
<br/>
My Last Name is  {{ last_name }}.
```

Let's check is variables are displayed in the template.

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