## WEB PROGRAMMING WITH PYTHON AND DJANGO ALM-1

```
190050051
  Django Templote Language
Templates:
          A template is a text file. It can
generate any text-based format (HTML, XML etc)
A template contain variablex, Which get replaced
with volver when the templote is evaluated, and togs,
which Control the logic of the template
Ex:-
(1/ extends "bose Html" 1/3

61. block title 1.3 ({ Section title }) (1. endblock 1.3)

1. block Content 1.7
<h1> {{ Section title 3} </h1>
 </ fox stoxy in stoxy-list 1.3
 < has
     <a> hxef = "{ < stoxy.get - obsolute - ux | 33">
             {{ stoxy headline | upper 3] 2/0>
 </h2>
</ > endfox 1.7
 (1. endblock 1.)
```

## Voxiobles:

A vosiable outputs a Value from the Contest Which is dict-like object mapping Keys to Values.

Variables are surranded by ((and 3) like this

Ex:

My first name is ({ first-name})
My last name is ({ last-name}).

With a Context of ( 'fixst-name': 'Sunil', 'last-name': 'pj this template xendexs to:

my last name is P.

\* Dictionary lookup, attribute lookup and list-index lookups are implemented with dot notation.

If my-object ottsibute 33
If my-list. 033

Tags:-

Tags provide asbitory logic in the rendering Process. The definition is deliberately vogue. For example, atag can output content, Serve as a control structure e.g. on "if" statement or a "for" loop, grab content from a database, as even enable occess to other template tags,

Togs oxe Sussounded by (1.) like this:

→ most togs occept oxguments:

-> Some togs sequise beginning and ending togs:

Hello, { (uses usesname 3). { / endif / }

Inhexitance:

extend tog is used for inhesitance of templater in djorgo. One needs to seperat the same code ogain and again. Using extends are can inhesit templates as a coell as Variables.

Syntox:

1% extend 'templale\_name.html' 1/3

Example :-

> Cseate a base template in templates / Sample . Html

<h1> main Templote </h1>

<4. block Content 4.7

1.1. endblock 1.3

> Cxeate a new template sample extent. Html.

11. extend "sample. html" 1.3

41. block Content 1.4

< has This is extended page </ has

1.1. endblock % 3

Output :-

Main Template

This is extended page.