2. django template

2.1 context variable: headline

- create a template file, variable.html under templates/s2/
- create a container div and display a varaible called 'headline'.

- Create a view function called 'variable'.
- Create a template variable called 'headline' and call render with it.

- Create a url mapping between s2/variable to views.variable

2.2 condition: write a page called isitchristmas

- create a template file, isitchristmas.html under templates/s2
- create a conditional block that display "Merry Christmas" if isitchristmas is True otherwise "NO"

- create a view function 'isitchristmas' in views
- from datetime import datetime
- create a variable, today using datetime.today()
- create a variable, isitchristmas based on today.

- craete a url mapping between s2/isitchristmas and views.isitchristmas

2.3 loop: write a page to display friends

- create a template file, friends.html under templates/s2
- display a context variable, friends using jinja2 loop
- each friend has first and last properties.

- create a view function, friends in views
- create a list of friends and each friend has first and last name.
- pass the context variable to the template file, s2/friends.html

2.4 link: write two pages that link each other.

- Create two template files, page1.html, page2.html under templates/s2
- Create a url link to each other using url name

- Create two view functions, page1 and page2
- Create a url mapping for each page.

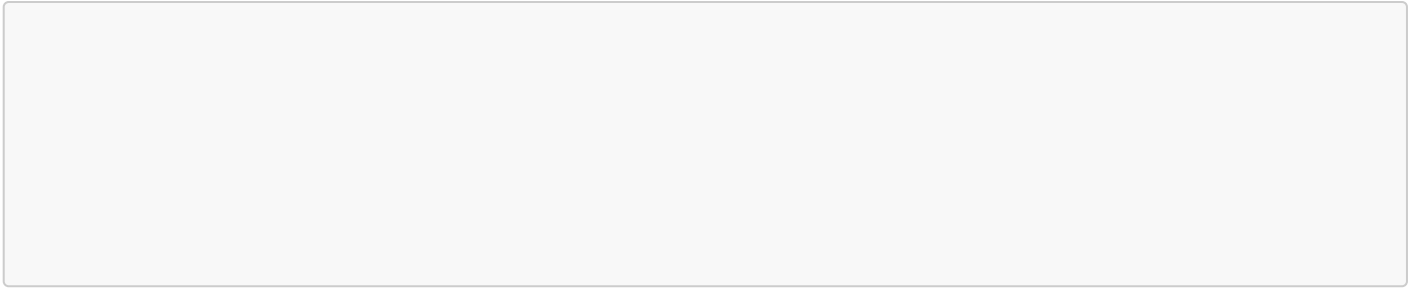- Create a url mapping for each page.

2.5 layout

- Create a layout page, layout.html under templates/s2
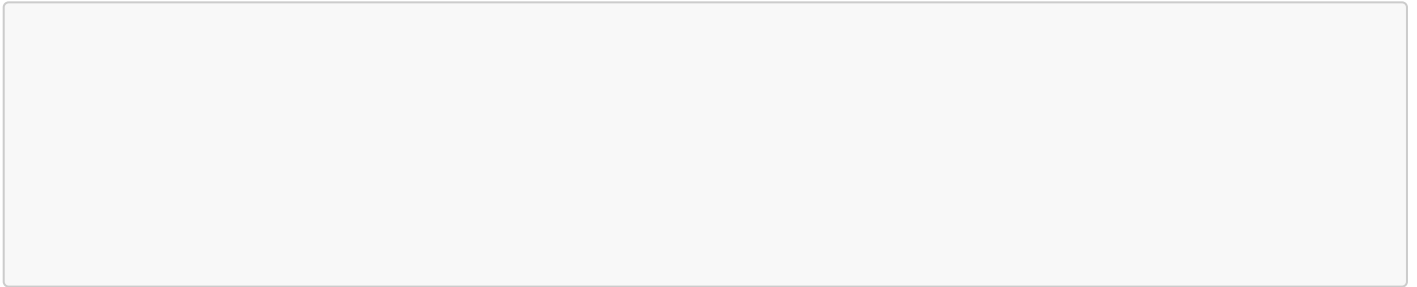- Create a navbar that has two links; home, page1
- Create a content block

layout.html:

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# You do not need to memorize navbar details.
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- Modify two template files, index.html and page1.html
- extends s2/layout.html
- define a content block and copy the existing content to the block

5 / 5

- Create a view function for each template

- Create a url mapping for each view
- A name should be defined if the url is used in a template.