****COMP 216 - Networking for Software Developers****

****Midterm Question / winter - 2023****

***Instructions:***

* ***Do not submit the zipped files***
* Your submission need to be found with the

1. **Received question**
2. **Screen shot of the Body of the script (.py) file and**
3. **Screen shots of the executed output - results**.
4. Write a python program to demonstrate the OOPs concept.

Create a class called employee, for which assign the ID 100 for the first employee. Create four instances name, ID, programme and department, using the proper methods, constructors and variables, display the names of the three employees, three ID’s and the corresponding instances on the screen. Execute and show the result. (10 marks)

Text

Description automatically generated

Text

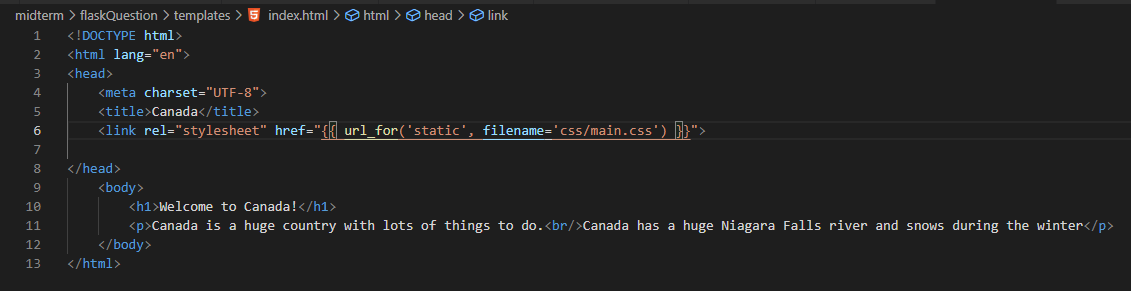
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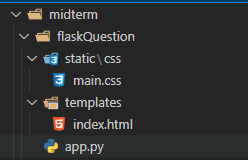
1. Flask library question. (15 marks)

* Use flask library, render template, jinja search engine.
* Use the proper widgets , fonts and background colors
* ***ONLY PYTHON FILE OF .py extension is accepted. Show the results.***
* Create the simple web page using flask framework. Render template class and jinja2 are needed to support the functioning of the page.
* Create the app.py, python file to develop the web page.
* To support the app, create one HTML file that holds the proper headers of your choice to display a paragraph of message about “Canada” and the css file to highlight the message in green color and the other decorations can also be made.
* Ensure, the application runs locally on the URL http://127.0.0.1:5000/, 127.0.0.1 is the IP that represents your machine’s localhost and: 5000 is the port number.
* Submit the three files, python file, HTML file and CSS separately.

A screenshot of a computer

Description automatically generated with medium confidence



 A screenshot of a computer

Description automatically generated with medium confidence

Graphical user interface, text, application

Description automatically generated

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