**Oumou Balde**

**BIS31Project**

[**Assignment(Project Submission)**](https://bbhosted.cuny.edu/webapps/assignment/uploadAssignment?content_id=_33207278_1&course_id=_1457555_1&group_id=&mode=view)

Total Marks: 100

Create a home page and create links to the following exercises

**Part1(10 marks**)

1)

Do a research on the Internet and Explain the importance of e-commerce in everyday live with examples. (200 words).

**Part 2(10 marks**)

2)

Create a powerpoint presentation (10 slides) and present it to the class and submit it on blackboard about a Hacking incident and how you would deal with security and secure your website.

**Part 3(80 marks)**

3)

Create a two-part form that calculates and displays the amount of an employee’s , salary based on the number of hours worked and rate of pay that you input. Use an HTML document named paycheck.html as a web form with 2 text boxes-one for the amount of hours worked and one for the rate of pay. Use a PHP document name paycheck.php as the form handler.

4) Credit Card Validation (Exercise21)

5)

Simulate a coin tossing PHP program. You will toss the coin 100 times and your program should display the number of times heads and tails occur.

6) Exercise 17 (Write a PHP script to convert 100 US dollars into Canadian dollars. You will use the following formula for exchange  Canadian\_dollar = 1.3 \* US\_dollar)

.

7)

Write a php script to generate a random number for each of the following range of values.

1. 1 to 27
2. 1 to 178
3. 1 to 600

Save the document as **RandomValues.php**

8. Write a PHP script to sum and display the all the odd numbers from 1 to 75.

9. Do a research on the Internet and Explain the OOP features of PHP (approx 200 words)

10.

Create a Movies class that determines the cost of a ticket to a cinema, based on the moviegoer’s age. Assume that the cost of a full price ticket is $10. Assign the age to a private data member. Use a public member function to determine the ticket price, based on the following schedule.

Age                  Price

Under 5            Free

5 to 17              Half price

18 to 55            Full price

Over 55            $2 off