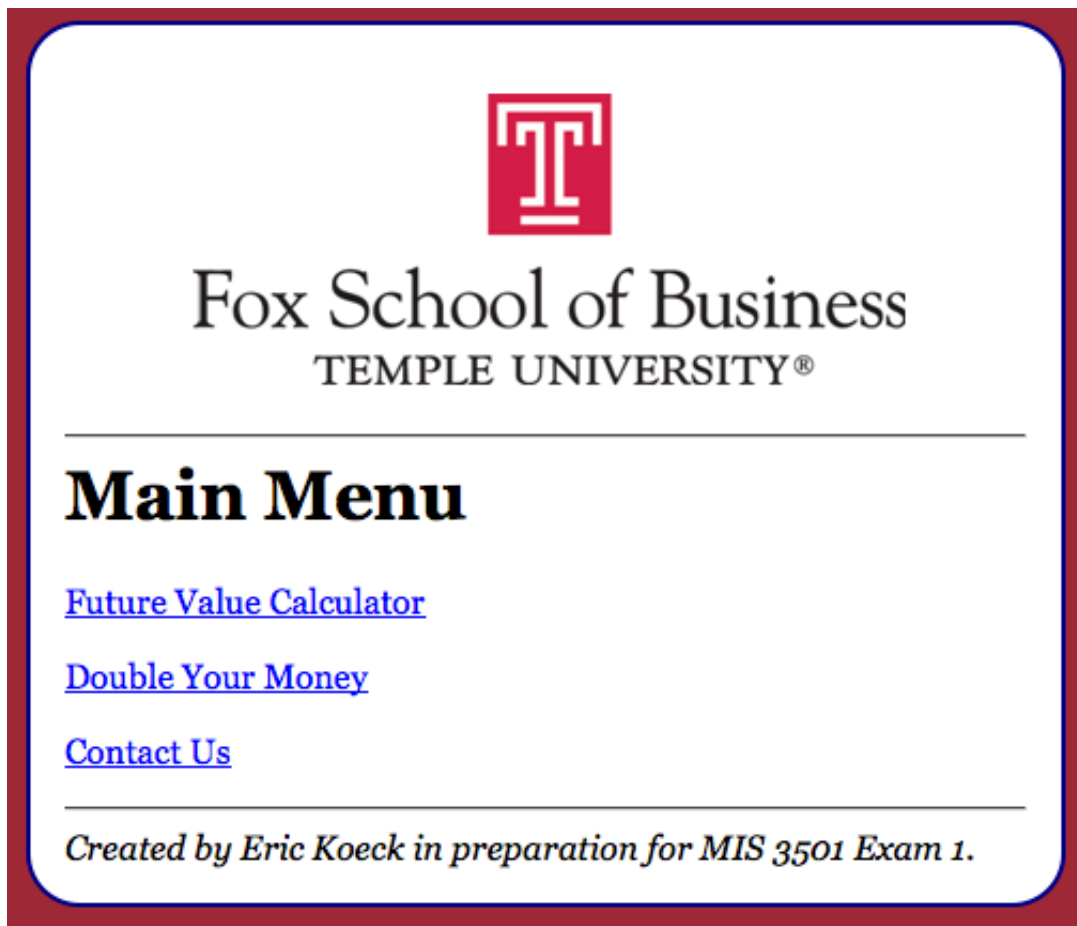


MIS 3501 Exam 1 Preparation

Directions: This exercise is designed to give you an idea of what to expect on the exam, but it should not be your only preparation. It is highly recommended that you go through each of the in-class exercises and challenges to ensure you have a strong grasp of all the concepts and material covered so far in the course. Exam1Prep.zip contains existing sources for an under construction Fox School of Business Financial Calculator application. The amount of existing code provided to you is a strong indication of what you will be given at the start of the exam. Please complete the application by completing the steps listed under each section.

- General
 - Make the FoxLogo.png image appear at the top of each page by using the header.php file.
 - Add an italicized footer to each page that says, "Created by <Your Name Here> in preparation for MIS 3501 Exam 1."
 - Add rounded corners to the main part of the application as shown in the below screenshot.



- Future Value Calculator
 - Alter the form so that it executes “calculate_results.php” when submitted.
 - If there is an error message based on the existing validation rules, redirect the application back to “calculate.php”
 - Use a loop to calculate and display the future value in table format. Also display the properly formatted form submissions as shown in the below screenshot.



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Future Value Calculator

Investment Amount: \$100.00
Yearly Interest Rate: 10%
Number of Years: 5
Future Value: \$161.05

Year	Value
1	\$110.00
2	\$121.00
3	\$133.10
4	\$146.41
5	\$161.05

Created by Eric Koeck in preparation for MIS 3501 Exam 1.

- Double Your Money
 - Alter the form so that it executes “double_results.php” when submitted.
 - Retrieve and validate the data from the form. Investment must be a valid number greater than zero. Interest rate must be a valid number greater than 0 and less than or equal to 20. If an error occurs, go back to “double.php”
 - Using the investment amount and interest rate from the form, calculate the number of years it will take with compound interest to double the initial investment. Display the result as shown in the below screenshot. For example, if your initial investment is \$100, how many years will it take to reach \$200 at 15% compounded interest?
Hint: Use a “for loop” or “while loop” (either will work)



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Double your money

Investment Amount: \$100.00

Yearly Interest Rate: 15%

Your investment will double in 5 years.

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- Contact Us
 - Currently, when submitted this form returns a generic message of “Thanks. We’ll get back to you shortly.” You are going to personalize the response based on the form submission.
 - In order to do this, you must first retrieve and validate the data from the form. Use the FILTER_VALIDATE_EMAIL id to ensure the email entered is in proper email format (xxxxx@yyy.zzz). If an error occurs, go back to “contact.php”
 - In your response display the name, email address, and question as shown in the screenshot below.
 - You’re required to respond to all inquiries within 5 days. Using the PHP date function, display both the current date and response deadline as shown in the screenshot below.



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Contact us

Thanks, Eric Koeck.

Your question was: What's the best way to save for retirement?
We'll get back to you promptly at eric.koeck@temple.edu.

The current date is: 09/25/16.

We will respond by: 09/30/16.

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