

CMPE 280 - WEB UI DESIGN

INSTRUCTOR - CHANDRASEKHAR UPPALAPATI

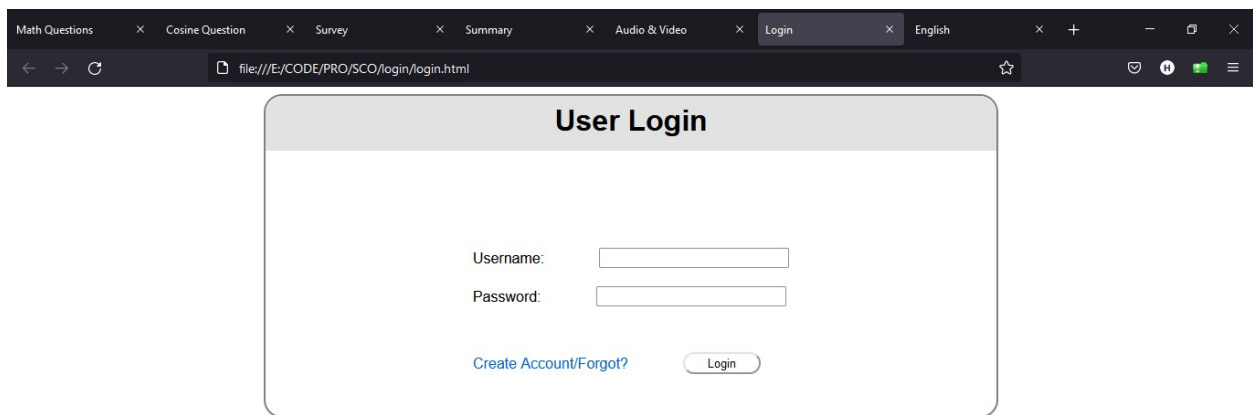
ASSIGNMENT - HTML5 MARK-DATALIST SCORM – SCOs

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The goal of the assignment is to create Shareable Content Objects (SCOs) using HTML5 technologies. As part of the exercise, you will be creating three types of question SCOs: A) Math SCO, b) English SCO, and C) Audio/Video SCO.

Login page:



User Login

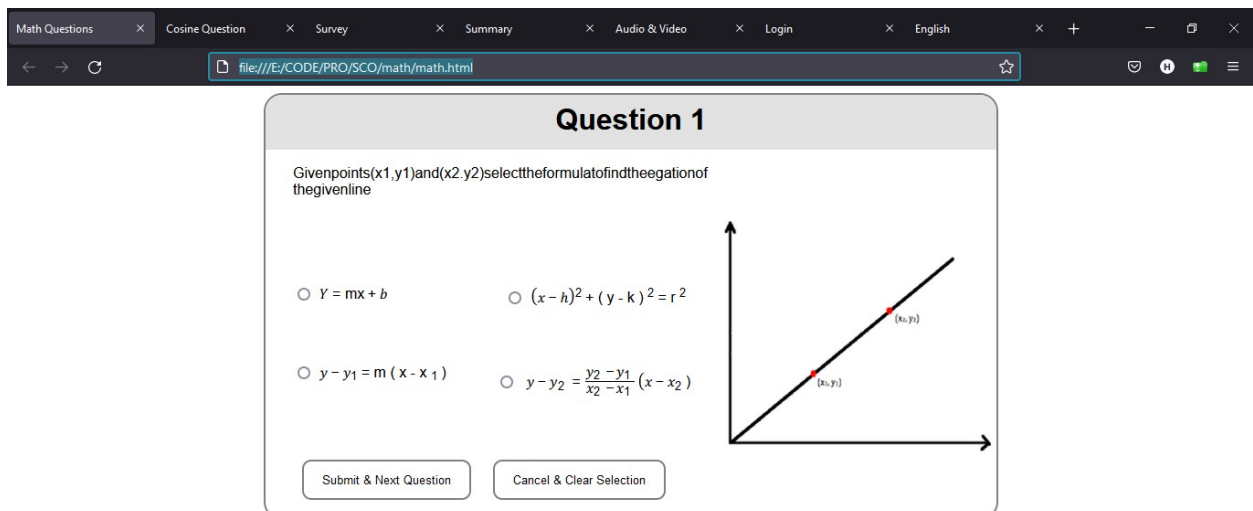
Username:

Password:

[Create Account/Forgot?](#)

Page: Math Question:

Math formulas may not render perfectly in chrome browser. Because Chrome browser does not support all HTML Math related tags. However, it will render perfectly in browser



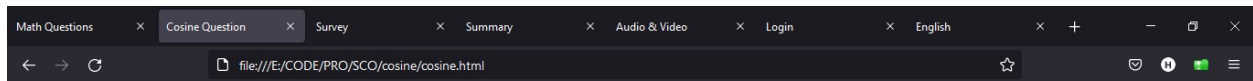
Question 1

Given points (x_1, y_1) and (x_2, y_2) select the formula to find the equation of the given line

☐ $Y = mx + b$ ☐ $(x - h)^2 + (y - k)^2 = r^2$

☐ $y - y_1 = m (x - x_1)$ ☐ $y - y_2 = \frac{y_2 - y_1}{x_2 - x_1} (x - x_2)$

Cosine Page:



Question 2

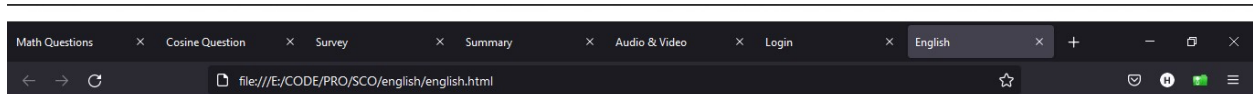
Select the cosine theorem formula.

- ☐ $\cos(\alpha \pm \beta) = \cos\alpha \cos\beta \mp \sin\alpha \sin\beta$ ☐ $\sin(\alpha \pm \beta) = \sin\alpha \cos\beta \pm \cos\alpha \sin\beta$
- ☐ $\sin\alpha + \sin\beta = 2\sin\left(\frac{\alpha+\beta}{2}\right)\cos\left(\frac{\alpha-\beta}{2}\right)$ ☐ $\sin\alpha - \sin\beta = 2\cos\left(\frac{\alpha+\beta}{2}\right)\sin\left(\frac{\alpha-\beta}{2}\right)$

Submit & Next Question

Cancel & Clear Selection

Page: English SCO:



Question 3

As per the latest twitter news, complete the article snippet given by selecting appropriate choices for the blanks.

" Twitter wants more cash. The company announced two million debt offerings in a filing today, each with a potential \$100 increase provided that the sales are oversubscribed. Assuming full tip, including the \$100 million boosters will raise upto \$1. 5 billion with the two offerings"

- ☐ Option 1 Mark: \$650 ☐ Option 1 Mark 2: Twitter
- ☐ Option 2 Mark 1: \$550 ☐ Option 1 Mark 2: Google
- ☐ Option 3 Mark 1: \$650 ☐ Option 1 Mark 2: Facebook

Submit & Next Question

Cancel & Clear Selection

Audio & Video SCO:

Math Questions

Cosine Question

Survey

Summary

Audio & Video

Login

English

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file:///E:/CODE/PRO/SCO/media/media.html

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Question 4

Watch the video and answer the following question. What company does the ship in the video belongs to.

☐ NASA.Gov

☐ Data.Gov

☐ Facebook

☐ XYZ.net

Submit & Next Question

Cancel & Clear Selection



0:00 / 0:08 🔊 📺

Nasa Space Agency

Survey SCO:

Math Questions

Cosine Question

Survey

Summary

Audio & Video

Login

English

+

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📄

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Survey

How did you like the center ?

Comeents

Select Text Are Location

City: Room Number#:

Submit & Next Question

Cancel & Clear Selection

Summary Page:

