

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSIT 108: Optical Fiber Communication Lab (Eve)

Course Teacher: Ahmed Abdullah (01680076500, ahmed.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

Draw all sequential graphs using Matlab.

Submission Deadline: 26th October, 2021.

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 122: Structure Programming Language Lab (Day)

Course Teacher: Ahmed Abdullah (01680076500, ahmed.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

Write a C code for following instructions:

Basic = 10000

If experience \geq 5

Salary will increase 10%.

Find total salary?

Submission Deadline: 26th October, 2021.

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code: CSE-112, Course Name: Computer Fundamentals Lab

Course Teacher: Shaikh Afnan Birahim (01711027668, afnan.birahim@royal.edu.bd)

Assignment

Assignment Topic:

Describe Turing Machine. Explain Motherboard and its components with necessary figures and diagrams. Explain Microprocessor and its components with necessary figures and diagrams.

Submission Deadline: 26th October, 2021.

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

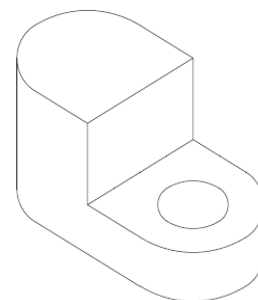
Course Code: CSE-123, Course Name: Engineering Drawing

Course Teacher: Shaikh Afnan Birahim (01711027668, afnan.birahim@royal.edu.bd)

Assignment

Assignment Topic:

Draw the following figure in AutoCAD and submit the file:



Submission Deadline: 26th October, 2021

Fig: 1

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT
Course Code & Title: CSE 324: E-Commerce Lab (Day)
Course Teacher: Hasan Abdullah (01681523656, hasan.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

How to create a domain name, host and install WordPress? Explain it step by step and add your website link.

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT
Course Code & Title: CSE 324: E-Commerce Lab (Eve)
Course Teacher: Hasan Abdullah (01681523656, hasan.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

How to create a domain name, host and install WordPress? Explain it step by step and add your website link.

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT
Course Code & Title: CSE 340-Simulation and Modelling lab(Eve)
Course Teacher: Hasan Abdullah (01681523656, hasan.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

Write a program of a system that will calculate the sum of main diagonal and off diagonal of a square matrix and show the output.

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT
Course Code & Title: CSE 322 - Computer Peripheral & Interfacing Lab [Day]
Course Teacher: Hasan Abdullah (01681523656, hasan.abdullah@royal.edu.bd)

Assignment

Assignment Topic:

Make a Circuit with Arduino and 2 LED lights. Now make sure that when the LED1 will be on then LED2 will be off. After M seconds the status will be exchange, that mean LED1 will be off and LED2 will be on.

Where, M = The last digit of your Student ID. If you got the value of M is 0, then set M = The 2nd last digit of your Student ID. Now write the sketch to implement the circuit.

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSIT 212- Digital Logic Design Lab (eve)**Course Teacher: Nazia Nuzhat (01705829945, nazia.nuzhat@royal.edu.bd)****Assignment**

Assignment Topic:

(A+B') (B.C')

Implement the following equation and make a report.

These points must be in the report,

- Introduction:
- Truth Table:
- Components:
- Block Diagram:
- Circuit Diagram:
- Description:
- Output:

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 214- Object Oriented Programming Language Lab (eve)**Course Teacher: Nazia Nuzhat (01705829945, nazia.nuzhat@royal.edu.bd)****Assignment**

Assignment Topic:

Write a java program for a bank account. Please show the work of Java Constructor, Encapsulation and Inheritance Relationship in your program.

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 232- Computer algorithm lab (eve)**Course Teacher: Nazia Nuzhat (01705829945, nazia.nuzhat@royal.edu.bd)**

Assignment Topic:

21	12	14	32	51	m	22	13	17	16
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Apply the following array to your program.

- At first Sort this array using Insertion Sorting algorithm.
- Finally, find the index number of m using Binary Search algorithm.

Here, **m** = last value of your student ID.Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 322: Computer Peripheral & Interfacing Lab (eve)**Course Teacher: Nazia Nuzhat (01705829945, nazia.nuzhat@royal.edu.bd)****Assignment**

Assignment Topic:

1. Make a Circuit with Arduino where at least **2 buttons and 2 LED lights** will work. Obviously you can add more property to make it impressive. Now write the sketch to implement the circuit.

Please use Multi-meter to measure the Ampere for any one led.

Now create a lab report that contains the following points:

- Introduction:
- Components:
- Circuit Diagram:
- Description:
- Output:

Submission Deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 134, Data Structure & Algorithm Lab (Eve)**Course Teacher: Md. Nur-E-Arefin (01675025549, nur.arefin@royal.edu.bd)****Assignment**

Assignment Topic:

Write down the theory, algorithm, C code and output of experiment 1 to 6 from the Lab Manual provided in the class. Must give proper screenshots of your work from CodeBlocks software.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: CSE 234 - Operating System Lab (Eve)**Course Teacher: Md. Nur-E-Arefin (01675025549, nur.arefin@royal.edu.bd)****Assignment****Assignment Topic:**

Write down the Objective, Description, C code and output of experiment 1 to 7 from the Lab Manual provided in the class. Provide proper screenshots of your work from CodeBlocks software.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT

Course Code: CSE 222, Course Name: Microprocessor & Assembly Language Lab
Course Teacher: Md Khirul Islam Badal (01748864767, Khirul.badal@royal.edu.bd)
Assignment (EVE)

Assignment Topic:

- a) Write an assembly program in EMU simulator and find the sum and subtraction of two values.
- b) Write an assembly program to print “**Royal University, Dhaka**”.
- c) Write an assembly program to find a positive or negative number.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT

Course Code: CSIT - 334, Course Name: Computer Graphics Lab
Course Teacher: Md Khirul Islam Badal (01748864767, Khirul.badal@royal.edu.bd)
Assignment (EVE)

Assignment Topic:

- a) Write a C/C++ program to draw a triangle, pentagon shape.
- b) Write a C/C++ program to implement DDA algorithm.
- c) Write a C/C++ program to draw a house.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: EEE 104 - Electronics Engineering Lab
Course Teacher: Kanti Bhusan Roy Kawshik (01924008069, kanti.kawshik@royal.edu.bd)
Assignment

Assignment Topic:

Make forward bias using diode and simulate in Proteus software.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: EEE 102 - Electrical Engineering Lab
Course Teacher: Kanti Bhusan Roy Kawshik (01924008069, kanti.kawshik@royal.edu.bd)
Assignment

Assignment Topic:

Simulate the ohm's law in Proteus software.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA
Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: EEE 110 - Microcontroller Lab (Day)
Course Teacher: Kanti Bhusan Roy Kawshik (01924008069, kanti.kawshik@royal.edu.bd)
Assignment

Assignment Topic:

Take 10 LED's and colour will be Red and Green. Make a program for zigzag light using Arduino and simulate in the proteus software. Make sure you provide the code and the proteus file also.

Submission deadline: 26th October, 2021

ROYAL UNIVERSITY OF DHAKA

Program: B.Sc. (HON'S) in CSE/CSIT

Course Code & Title: EEE 110 - Microcontroller Lab (Eve)

Course Teacher: Kanti Bhusan Roy Kawshik (01924008069, kanti.kawshik@royal.edu.bd)

Assignment

Take a 7-segment display in proteus software. Make a program for 0-9 using Arduino and simulate in the proteus software. Make sure you provide the code and the proteus file also.

Submission deadline: 26th October, 2021