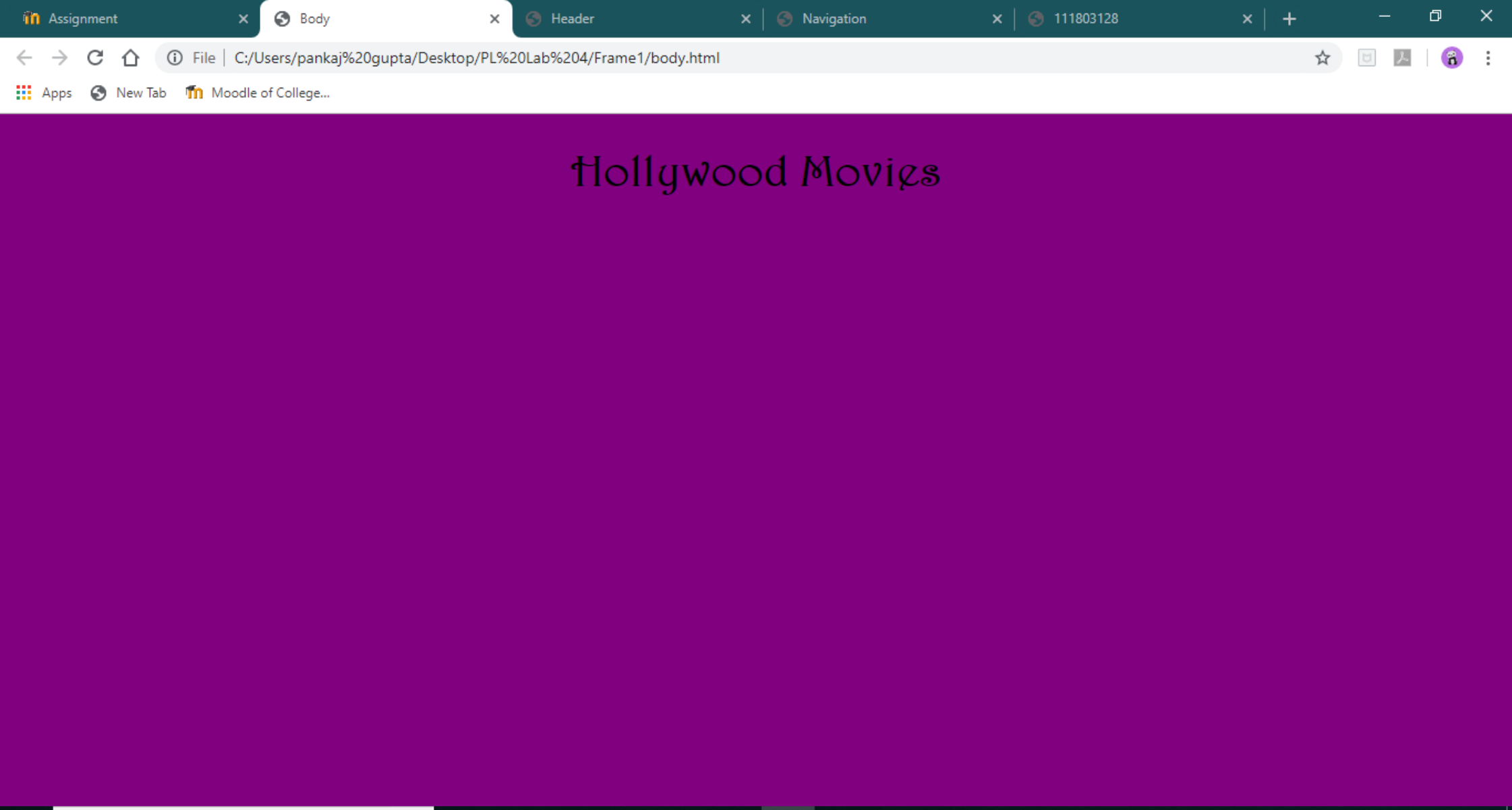
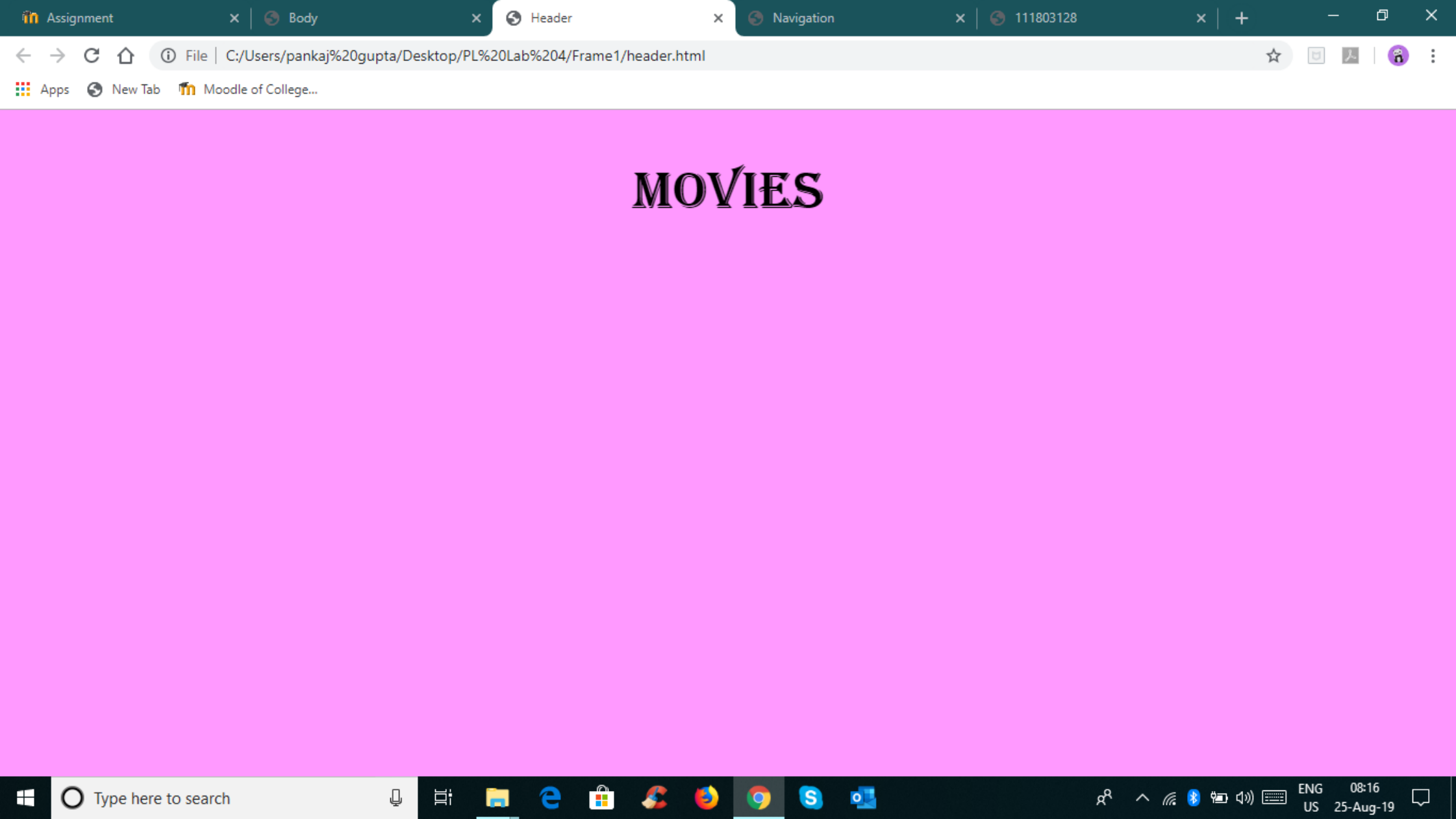
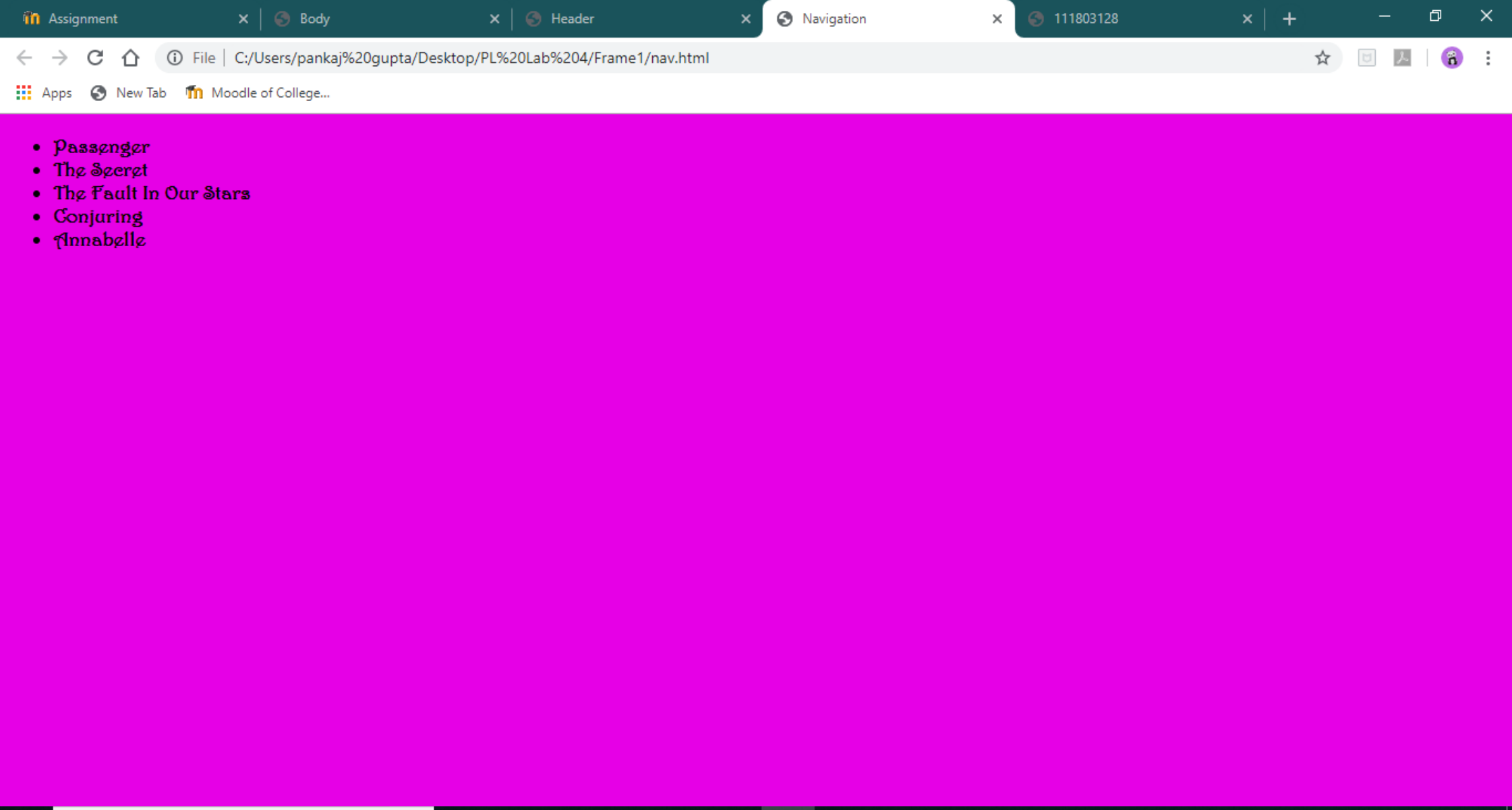
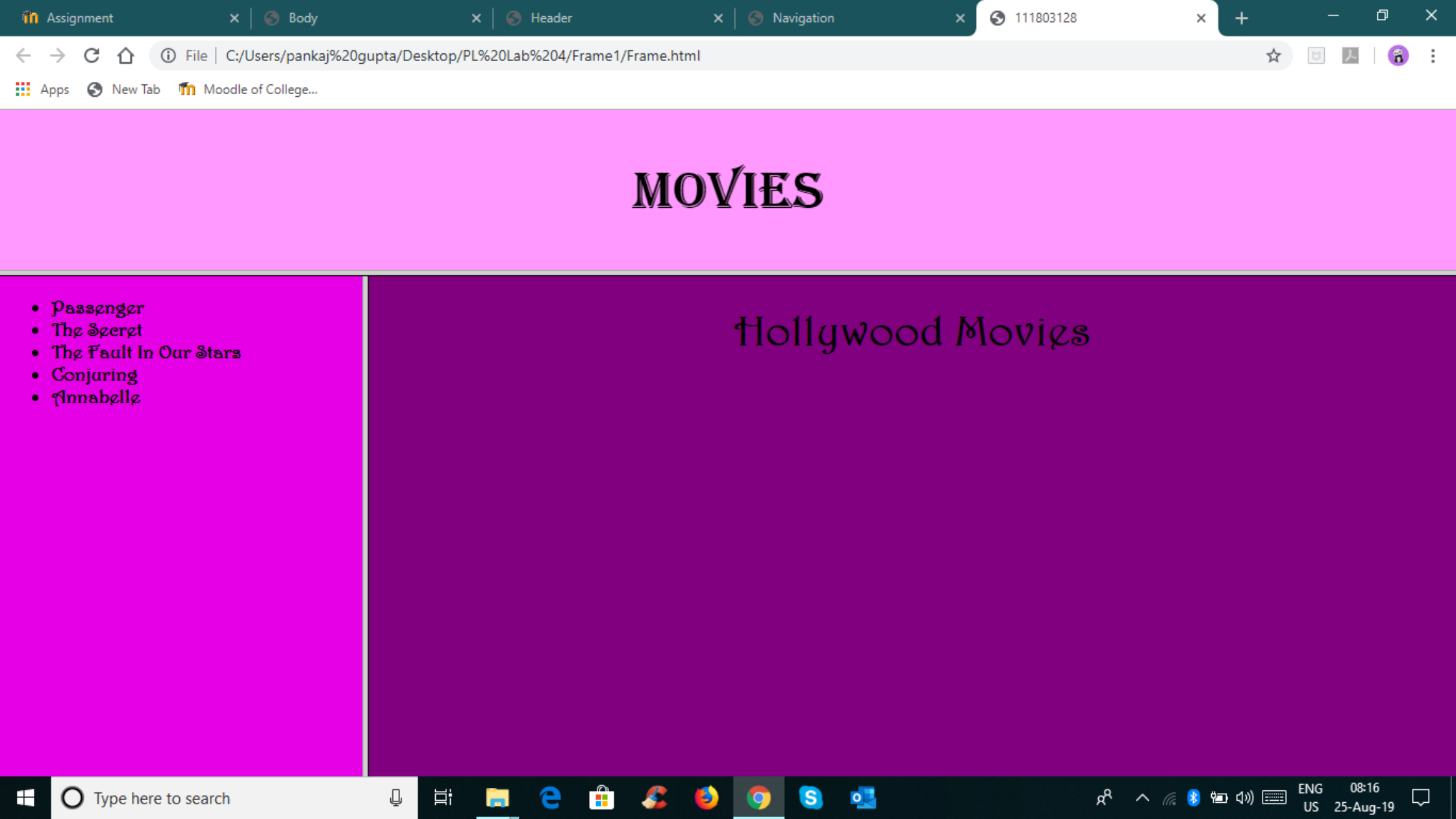

Assignment
Body
Header
Navigation
111803128
File | C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame1/body.html
Apps
New Tab
Moodle of College...
Hollywood Movies
Type here to search
ENG
US
08:16
25-Aug-19


Assignment
Body
Header
Navigation
111803128
File | C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame1/header.html
Apps
New Tab
Moodle of College...
MOVIES
Type here to search
ENG
US
08:16
25-Aug-19


Assignment
Body
Header
Navigation
111803128
File | C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame1/nav.html
Apps
New Tab
Moodle of College...
Passenger
The Secret
The Fault In Our Stars
Conjuring
Annabelle
Type here to search
ENG
US
08:16
25-Aug-19


Assignment
Body
Header
Navigation
111803128
File C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame1/Frame.html
Apps
New Tab
Moodle of College...
MOVIES
Passenger
The Secret
The Fault In Our Stars
Conjuring
Annabelle
Hollywood Movies
Type here to search
ENG
US
08:16
25-Aug-19

Assignment | 111803128

File | C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame2/Frame.html

Apps | New Tab | Moodle of College...

VASVI GUPTA

Contact Info

History

Timetable

Hobby List

Click on the links

Type here to search

ENG US 08:22 25-Aug-19

VASVI GUPTA

Contact Info

History

Timetable

Hobby List

Contact Information

Mobile No. : +918949764450

Email Id : guptav18.comp@coep.ac.in

Type here to search
ENG
US
08:22
25-Aug-19

VASVI GUPTA

Contact Info

History

Timetable

Hobby List

My name is Vasvi Gupta. I was born in Nagpur, Maharashtra. I did my 11th and 12th from Holy Child Auxilium School, New Delhi. I passed 12th with 96% and CET with a score of 175. Currently I am studying in College of Engineering, Pune.

Type here to search
ENG
US
08:22
25-Aug-19

Assignment | 111803128

File | C:/Users/pankaj%20gupta/Desktop/PL%20Lab%204/Frame2/Frame.html

Apps | New Tab | Moodle of College...

VASVI GUPTA

- Contact Info
- History
- Timetable
- Hobby List

College of Engineering Pune

Computer Engg and IT(Effective 5 Aug 19)

Timetable For class: SY-Div2

	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00
Mon		SY-Div2-DSY AC-203 LAUC SY-Div2-Non-DSY AC-202 ODEMC	SY-Div2-DSY FP AC-203	SY-Div2-S3 ISL PL SY-Div2-S4 PL PEV SY-Div2-S2 DSL DLD-Lab SY-Div2-S1 FOSS2 DSA-Lab SY-Div2-DSY FOSS1 DSA-Lab	SY-Div2-S4 PL DSA-Tut	LUNCH	DLD AC-203	DSA AC-203	DSGT AC-203		
Tue		SY-Div2-DSY AC-203 LAUC SY-Div2-S2 ISL PL SY-Div2-S3 FOSS2 DSA-Lab	SY-Div2-DSY AC-203 FP	SY-Div2-S3 PL PEV SY-Div2-S4 ISL PL SY-Div2-DSY DSL DLD-Lab SY-Div2-S2 DBMSL DSA-Lab	SY-Div2-S3 PL DSA-Tut	LUNCH	SY-Div2-Non-DSY ODEMC AC-203	DLD AC-203	SLS AC-203		
Wed		SY-Div2-DSY AC-203 LAUC SY-Div2-S1 FOSS2 DSA-Lab	SY-Div2-DSY AC-203 FP	SY-Div2-S2 PL PEV SY-Div2-S4 FOSS1 DSA-Lab SY-Div2-DSY ISL PL SY-Div2-S1 DSL DLD-Lab	SY-Div2-S2 PL DSA-Tut	LUNCH	DSGT AC-203	DSA AC-203	SY-Div2-DSY GML PEV SY-Div2-S2 DBMSL DSA-Lab SY-Div2-S1 FOSS1 PL		
Th		SY-Div2-DSY LAUC	SY-Div2-M1 AC-203 ODEMCTut SY-Div2-M2	SY-Div2-S1 PL PEV SY-Div2-S3	SY-Div2-S1 PL DSA-Tut		SY-Div2-DSY PL DSA-Tut		DSGT	SLS	

Type here to search

ENG US 08:22 25-Aug-19

VASVI GUPTA

Contact Info

History

Timetable

Hobby List

- Watching movies
- Travelling
- Playing Badminton

Type here to search
ENG
US
08:22
25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

- General Information
- Course Description
- Pre-requisites
- Text Books
- Objectives
- Getting Help
- Requirements

Science of Living Systems

Living systems are open self-organizing life forms that interact with their environment. These systems are maintained by flows of information, energy and matter. Some scientists have proposed in the last few decades that a general living systems theory is required to explain the nature of life. Such a general theory, arising out of the ecological and biological sciences, attempts to map general principles for how all living systems work. Instead of examining phenomena by attempting to break things down into components, a general living systems theory explores phenomena in terms of dynamic patterns of the relationships of organisms with their environment.

Type here to search
ENG US 08:23 25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

- General Information
- Course Description
- Pre-requisites
- Text Books
- Objectives
- Getting Help
- Requirements

Course Description

This course will introduce the student to contemporary Systems Biology focused on mammalian cells, their constituents and their functions. Biology is moving from molecular to modular. As our knowledge of our genome and gene expression deepens and we develop lists of molecules (proteins, lipids, ions) involved in cellular processes, we need to understand how these molecules interact with each other to form modules that act as discrete functional systems. These systems underlie core subcellular processes such as signal transduction, transcription, motility and electrical excitability. In turn these processes come together to exhibit cellular behaviors such as secretion, proliferation and action potentials. What are the properties of such subcellular and cellular systems? What are the mechanisms by which emergent behaviors of systems arise? What types of experiments inform systems-level thinking? Why do we need computation and simulations to understand these systems?

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

Pre-Requisites

Before proceeding with this subject, you should have a basic understanding of biological systems.

Type here to search
ENG US 08:23 25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

- General Information
- Course Description
- Pre-requisites
- Text Books
- Objectives
- Getting Help
- Requirements

Text Books

- Lodish H, Berk A, Zipursky SL, et al. (2000) Molecular Cell Biology, W. H. Freeman
- Lehninger, A. L., Nelson, D. L., & Cox, M. M. (2000), Lehninger principles of biochemistry, New York: Worth Publishers.
- Lewin B. (2000) Genes VII, Oxford University Press
- Rao CNR, et.al. Chemistry of Nanomaterials: Synthesis, Properties and Applications
- Eggins BR. (1006) Biosensors: An Introduction, John Wiley & Sons Publishers

Type here to search
ENG US 08:23 25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

- General Information
- Course Description
- Pre-requisites
- Text Books
- Objectives
- Getting Help
- Requirements

Objectives

- To make students conversant with basic Biology regarding the life processes.
- To impart knowledge about the common corridors of biology and engineering as biologically inspired technologies like designs in nature, bioenergetics, bioprocesses, biomaterials, biomechanics, bioimaging, bioinformatics, bioinstrumentation etc.
- To introduce recent trends in biology viz. genetic & tissue engineering, stem cell engineering, bio and nanotechnology etc. with the objective of appreciating engineering principles in biological systems.

Type here to search
ENG US 08:23 25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

- General Information
- Course Description
- Pre-requisites
- Text Books
- Objectives
- Getting Help
- Requirements

Getting Help

- https://www.khanacademy.org
- https://www.livescience.com
- https://www.coursera.org
- https://www.researchgate.net

Type here to search
ENG US 08:23 25-Aug-19

DEPARTMENT OF COMPUTER ENGINEERING, COEP

Search...

Requirements

Learn about ATP. A brief introduction:

Just as living things must continually consume food to replenish their energy supplies, cells must continually produce more energy to replenish that used by the many energy-requiring chemical reactions that constantly take place. Together, all of the chemical reactions that take place inside cells, including those that consume or generate energy, are referred to as the cell's metabolism. A living cell cannot store significant amounts of free energy. Free energy is energy that is not stored in molecules. Excess free energy would result in an increase of heat in the cell, which would denature enzymes and other proteins, and destroy the cell. Instead, a cell must be able to store energy safely and release it for use only as needed. Living cells accomplish this using ATP, which can be used to fill any energy need of the cell. How? It functions like a rechargeable battery. When ATP is broken down, energy is released. This energy is used by the cell to do work. For example, in the mechanical work of muscle contraction, ATP supplies energy to move the contractile muscle proteins.

Type here to search
ENG US 08:23 25-Aug-19