

**MINI PROJECT  
(2020-21)**

**Fresher's Solution**

**MID-TERM REPORT**



**Institute of Engineering & Technology**

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**Department of Computer Engineering & Applications**

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## **Abstract**

In this we will build a Fresher's Solution site. After creating the Fresher's Solution site, you will be able to take the notes for your corresponding subjects which was provide by the developers, and you are also able to practice your basic knowledge with the help of quiz Which was in this website and we also provde some blogs which was helpful to motivate students for deeper knowledge and extracurricular activities.

This technology helps you to provide best notes on your subject bases and give extra knowledge along with your course.

# *Certificate of Completion*

*This is to certify that **PRAGYA SHARMA** successfully completed 20.5 total hours of **Web Development Masterclass - Complete Certificate Course** online course on May 26, 2020*

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# *Certificate of Completion*

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*Rob Percival*

Rob Percival, Instructor

*Codestars by Rob Percival*

Codestars by Rob Percival, Instructor

&



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Certificate url: ude.my/UC-f13f64eb-ac7d-4b50-a944-bdb1aebf9881

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08/16/2020

## Mandvi Rai

has successfully completed

### Introduction to HTML5

an online non-credit course authorized by University of Michigan and offered through Coursera

## COURSE CERTIFICATE



*Colleen van Lent*

Colleen van Lent, Ph.D.  
Lecturer  
School of Information, University of Michigan

*Charles*

Charles Severance  
Clinical Professor, School of Information  
University of Michigan

Verify at [coursera.org/verify/LURJHVVMRQPE](https://coursera.org/verify/LURJHVVMRQPE)  
Coursera has confirmed the identity of this individual and  
their participation in the course.

# *Certificate of Completion*

*This is to certify that **MANAV SINGH**  
successfully completed 20.5 total hours of **Web  
Development Masterclass - Complete Certificate**  
Course online course on May 26, 2020*

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Certificate url: [udemy.com/certificate/UC-a17478cc-f071-44fc-a724-2cb3bf6d1b8d8](https://www.udemy.com/certificate/UC-a17478cc-f071-44fc-a724-2cb3bf6d1b8d8)

## **Introduction**

### **1.1 What is Fresher's Solution?**

The project Fresher's Solution is a website which is an E-learning based platform and it will help the first year students of B.Tech (All Branches) .

It provides a convenient solution to the traditional notes-making system. We follow a modular approach of learning through our website. Building out the core administration system before moving on to complete individual learning modules, each with their own specific goals and objectives.

### **1.2 About the project**

The aim of this project is to make a website for first year students of our university. This is an e-learning website where first year students of our university will get ready-made notes. Our website "Fresher's Solution" is to automate the existing manual system by help of ready-made notes, fulfilling first year students requirements so that they can receive valuable education. This means no need to worry about making handwritten notes. And they can utilize their time upto maximum. It is the need of time to switch on e-learning.

#### **The main objectives are :**

1. To provide a quality based education.
2. To provide ready made notes.
3. I-Q Test

### **1.3 Hardware Requirements**

I3 processor based computer  
DDR3 4GB RAM  
5 GB Hard disk space

## **Software requirements**

Windows 10

Visual Code

Studio Xampp

## **1.4 Technology used**

JAVA

CSS

JAVASCRIPT

PHP

MYSQL

## **Objective**

The main objectives of the creating the Fresher's Solution, We will provide all the notes regarding your subject and quizzes regarding to that particular subject which provide you the basic knowledge of that particular subject and we wil also give vlogs to fresher's to motivate themselves for extracurricular activities.

## **Implementation Details**

**Part 1:** To build a Backend of the website in which notes are to be attached.

**Part 2:** Develop a site for quiz regarding to that particular subject.

**Part 3:** To build the information of developers.

**Part 4:** Provide the vlogs to motivate student for extracurricular activities.

## **Progress**

1.) Part 1 is completed

**To build a Backend of the website in which notes are to be attached.**

Provide the notes to the web  
page. Update the notes regularly.

2.) Part 2 is completed

**Develop a site for quiz regarding to that particular subject.**

**3 Subject quiz is completed and rest of the quiz is pending.**

3.) Part 3 is completed

**To build the information of developers.**

Information of all the developers  
All the social sites through which you can contact to them.

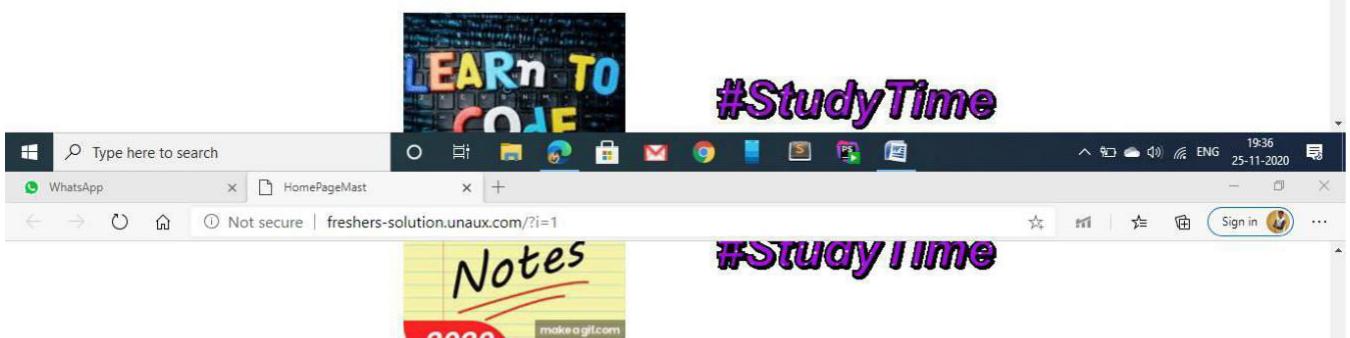
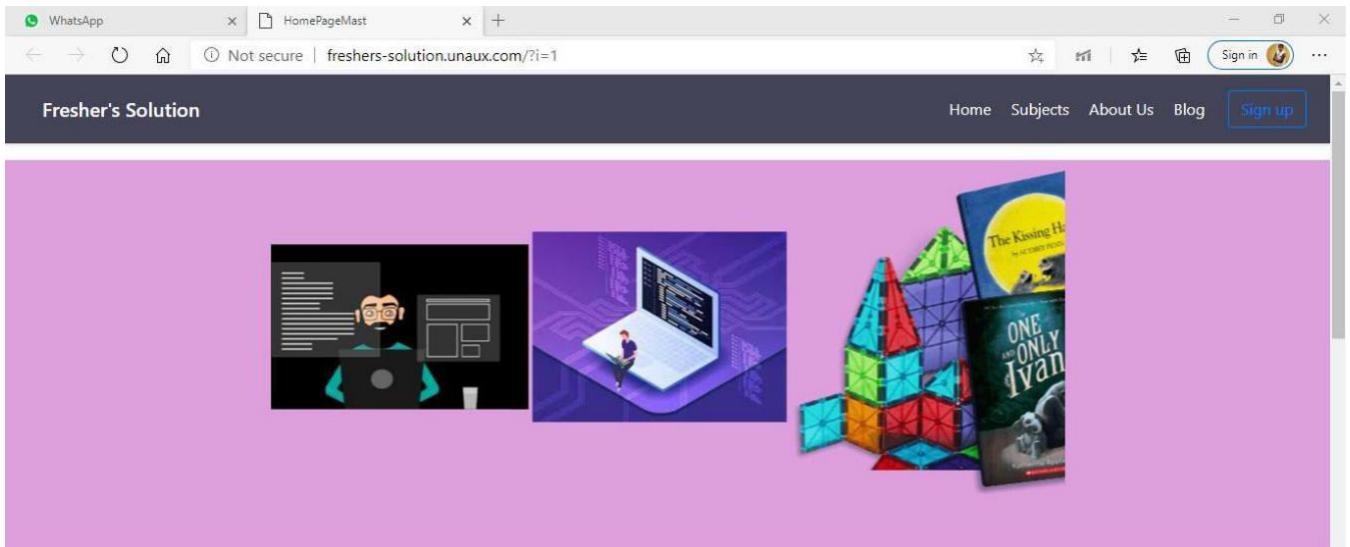
4.) Part 4 is completed

**Provide the vlogs to motivate student for extracurricular activities .**

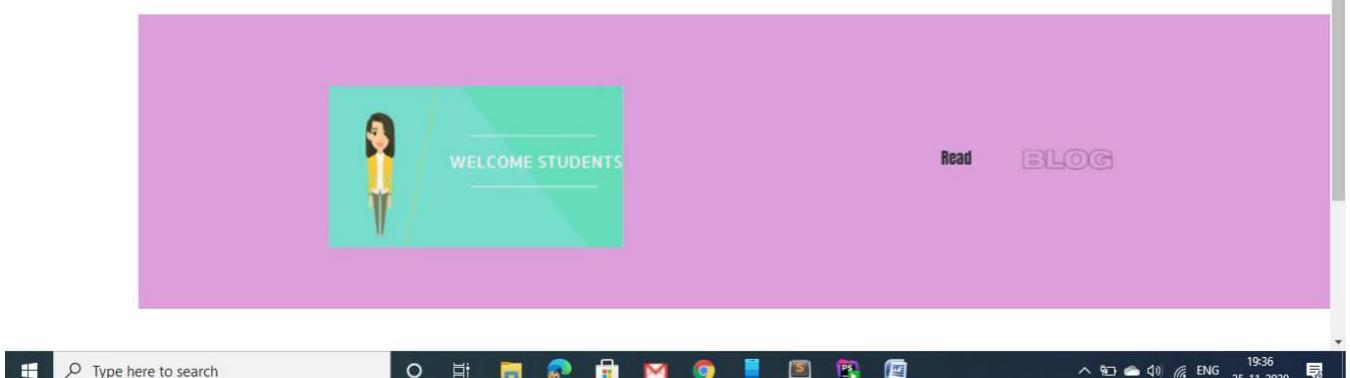
Vlogs regarding competitive  
exams. Vlogs regarding sports.

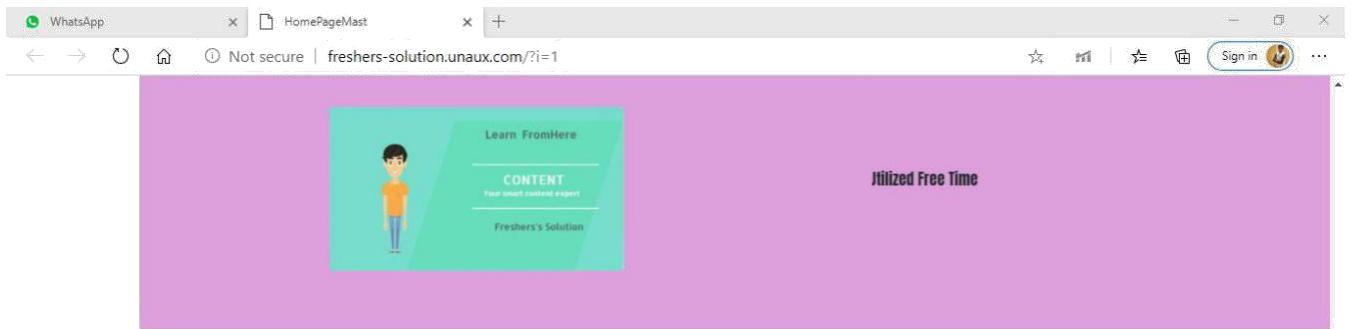
Vlogs regarding Film industry.

## SCREENSHOTS



E GLA STUDENT , ALL CONTENTS , QUIZ AND VIDEO ARE AVAIABLE RELATED COMPUTER SCIENCE SUBJECTS

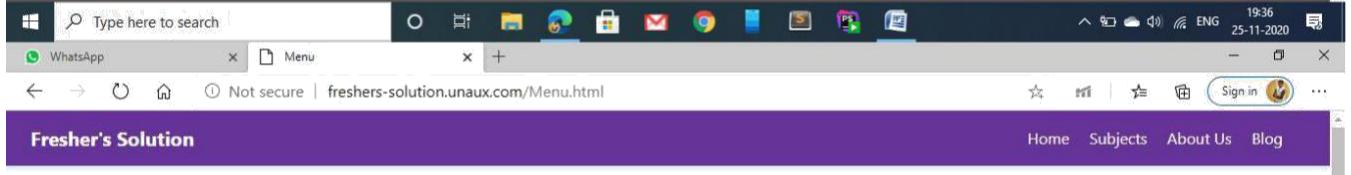




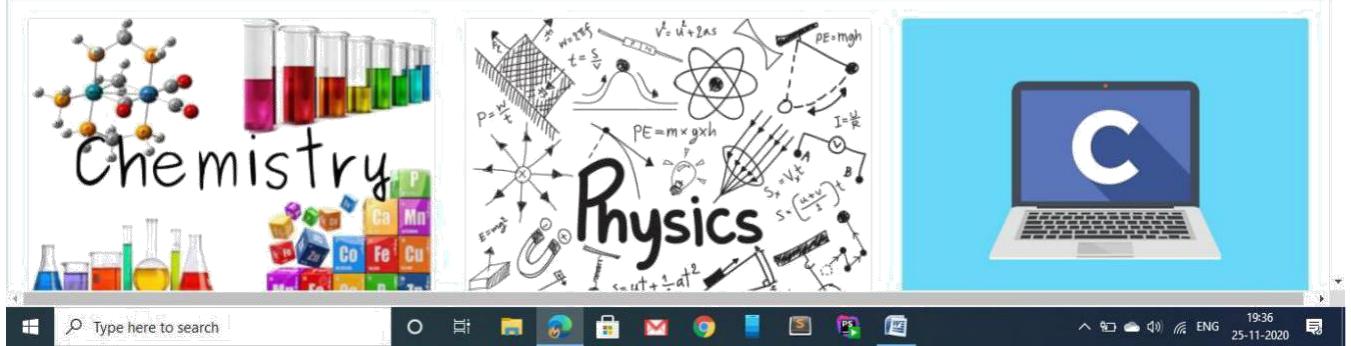
## #All Subjects Contents

[Register For Free](#) [Sign up](#)

Notes, Quiz and Blogs are available  
[fresher-solution.unaux.com](http://fresher-solution.unaux.com)



### GAIN MORE KNOWLEDGE WITH STUDY MATERIAL AND QUIZ



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Chemistry

Physics

Electrical

Mechanical

Electronics

English

Notes Quiz

Notes Quiz

Notes Quiz

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Some of the authors of this publication are also working on these related projects:

synthesis of pheromones View project

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19:37 ENG 25-11-2020



## Engineering Chemistry

1. Stability of free radicals can be explained on the basis of \_\_\_\_\_

- A. Inductive effect
- B. Electromeric effect
- C. Mesomeric effect
- D. Hyperconjugation

2. Select the incorrect statement from the following option.

- A. Cations and anions formed are generally carbon-based
- B. Heterolytic fission takes place usually at higher temperatures
- C. Heterolytic fission takes place generally in a polar solvent
- D. none of the above

3. The homolytic bond dissociation energy is inversely proportional to the \_\_\_\_\_

- A. Bond length
- B. Ease of formation
- C. Dipole moment



- A. Bond length

- B. Ease of formation
- C. Dipole moment
- D. All of the mentioned

4. Which of the following is intermediate organic species based on carbon formed by photolysis?

- A. Carbenes
- B. Carbo-cations
- C. Carbanions
- D. Free radicals

5. The boiling point and molar heat of vaporisation is dependent on \_\_\_\_\_

- A. Strength of the inter-molecular forces
- B. Composition of the liquid compound
- C. Size of the molecules
- D. All of the mention

6. For a given substance, choose the correct statement



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Sign in

• C. Size of the molecules

• D. All of the mention

6. For a given substance, choose the correct statement

• A.  $\Delta H_{fus}$  is greater than  $\Delta H_{vap}$

• B.  $\Delta H_{fus}$  is equal to  $\Delta H_{vap}$

• C.  $\Delta H_{fus}$  is smaller than  $\Delta H_{vap}$

• D. None of the mentioned

7. When the solid and liquid phase are in equilibrium, the temperature \_\_\_\_\_

• A. Increases gradually

• B. Increases gradually

• C. Remains constant

• D. None of the mentioned

8. Select a non-homogeneous system from the following.

• A. Salt solution

• B. Sugar solution

• C. Glucose in water

• D. Saturated solution of NaCl

9. The functionality of ethylene glycol is \_\_\_\_\_

• A. 2

• B. 3

• C. 4

• D. 5

10. Which of the following observations is incorrect about the order of a reaction?

• A. Order of a reaction is always a whole number

• B. The stoichiometric coefficient of the reactants does not affect the order

• C. Order of reaction is the sum of power to express the rate of reaction to the concentration terms of the reactants.

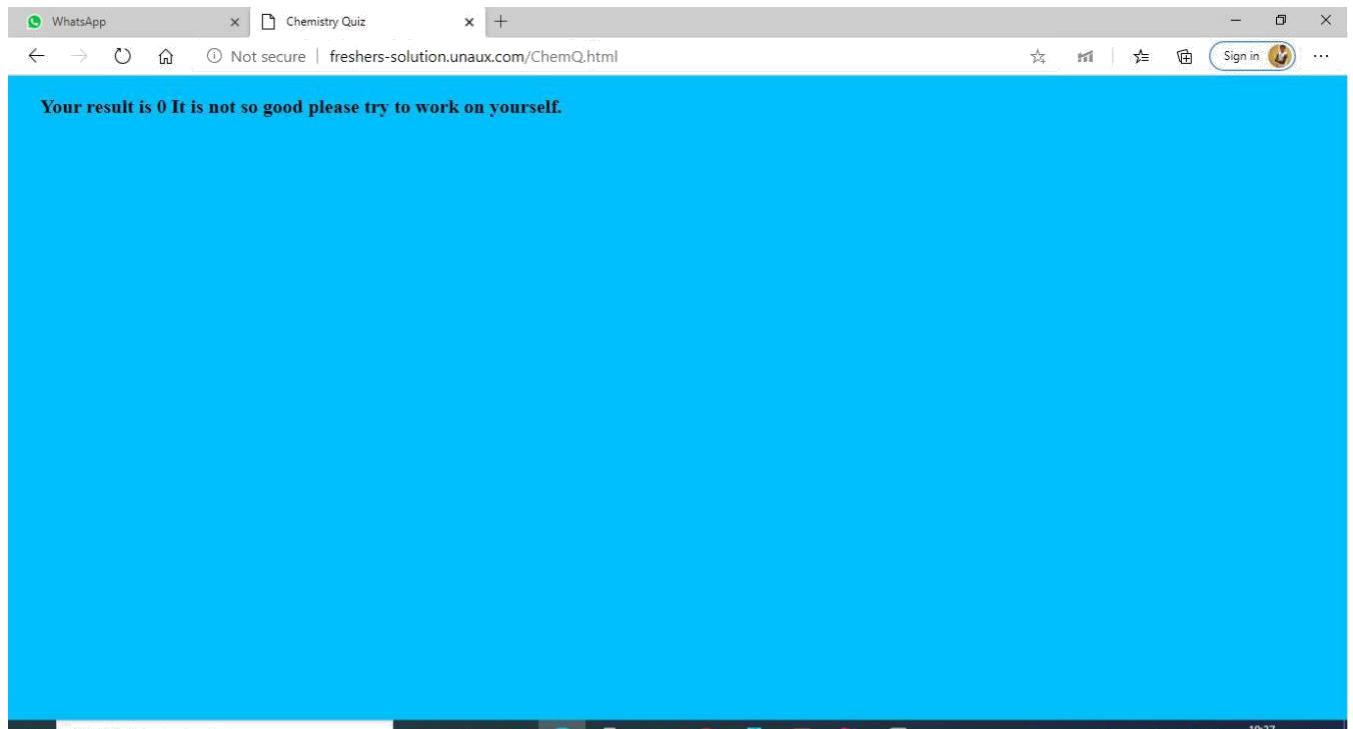
• D. Order can only be assessed experimentally

I'm done!

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1 of 8

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## UNIT - IV

### 7. BAND THEORY OF SOLIDS

**Bloch Theorem:** A crystalline solid consists of a lattice which is composed of a large number of ionic cores at regular intervals, and, the conduction electrons can move freely throughout the lattice.

Let the lattice is in only one-dimension ie only an array of ionic cores along x-axis is considered. If we plot the potential energy  $V$  of a conduction electron as a function of its position in the lattice, the variation of potential energy.

Since the potential energy of any body bound in a field of attraction is negative, and since the conduction electron is bound to the solid, its potential energy  $V$  is negative.

Further, as it approaches the site of an ionic core  $V \rightarrow -\infty$ . Since this occurs symmetrically on either side of the core, it is referred to as potential well. The width of the potential well  $b$  is not uniform, but has a tapering shape.

If  $V_0$  is the potential at a given depth of the well, then the variation is such that

$b \rightarrow 0$ , as  $V_0 \rightarrow \infty$ , and,  
The product  $b V_0$  is a constant.

Now, since the lattice is a repetitive structure of the ion arrangement in a crystal, the type of variation of  $V$  also repeats itself. If  $a$  is the interionic distance, then, as we move in x-direction, the value of  $V$  will be same at all points which are separated by a distance equal to  $a$ .

WhatsApp Physics quiz +

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# Physics-Quiz

What type of motion is associated with the molecules of gas?

- A. Newton's law of motion
- B. Conservative motion
- C. Linear motion
- D. Brownian motion

An ant is walking on the horizontal surface. The number of degrees of freedom of ant will be \_\_\_\_\_

- A. 2
- B. 3
- C. 5
- D. 6

An ideal gas is heated from  $27^{\circ}\text{C}$  to  $627^{\circ}\text{C}$  at constant pressure. If initial volume was  $4\text{m}^3$ , then the final volume of the gas will be?

- A.  $2\text{m}^3$
- B.  $4\text{m}^3$
- C.  $6\text{m}^3$
- D.  $12\text{m}^3$

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- C.  $y=\sin(\omega t-kx)$
- D.  $y=-\sin(\omega t-kx)$

The ratio of velocity of sound in hydrogen and oxygen at STP is \_\_\_\_\_

- A. 16:1
- B. 8:1
- C. 4:1
- D. 2:1

The maximum velocity of a particle, executing simple harmonic motion with amplitude  $7\text{mm}$ , is  $4.4\text{m/s}$ . The period of oscillation is?

- A.  $y=\sin(\omega t+kx)$
- B.  $y=-\sin(\omega t+kx)$
- C.  $y=\sin(\omega t-kx)$
- D.  $y=-\sin(\omega t-kx)$

If the frequency of oscillation of a particle doing simple harmonic motion is  $n$ , the frequency of kinetic energy is?

- A.  $2n$
- B.  $n$
- C.  $2/n$
- D.  $n/2$

The phase difference between the instantaneous velocity and acceleration of a particle executing simple harmonic motion is \_\_\_\_\_

- A.  $0.5\pi$

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The phase difference between the instantaneous velocity and acceleration of a particle executing simple harmonic motion is \_\_\_\_\_

- C.  $2/n$
- D.  $n/2$

A scalar quantity is conserved in a process.

- A. True
- B. False
- C. Both A and B
- D. Both A or B

As an object approaches the speed of light, its mass becomes \_\_\_\_\_

- A. Zero
- B. Double
- C. Remains Same
- D. Infinite

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WhatsApp Quiz

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# ELECTRICAL QUIZ

1. Which of the following motors is used in ceiling fan?

- A. Universal motor
- B. Synchronous motor
- C. Series motor
- D. Induction motor

2. Number of parallel path in wave winding is:

- A. 2
- B. 3
- C. 4
- D. 6

3. Zener diodes are commonly used as:

- A. Rectifier

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A. Ampere Turns/Weber  
 B. Weber Turns  
 C. Henry  
 D. Weber Turns/Ampere

5. The power factor of pure resistive circuit is

A. Zero  
 B. Leading  
 C. Lagging  
 D. Unity

6. The time taken by an alternating quantity to complete one cycle:

- A. Time period  
 B. Frequency  
 C. Angular velocity  
 D. Time constant

7. Specific gravity of a fully charged lead acid cell is approximately:

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WhatsApp Quiz

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8. Speed of DC motor is directly proportional to \_\_\_\_\_ and inversely proportional to:

- A. flux, back emf  
 B. current, back emf  
 C. back emf, flux  
 D. back emf, voltage

9. Which is active component?

- A. Capacitor  
 B. Transistor  
 C. Inductor  
 D. Resistor

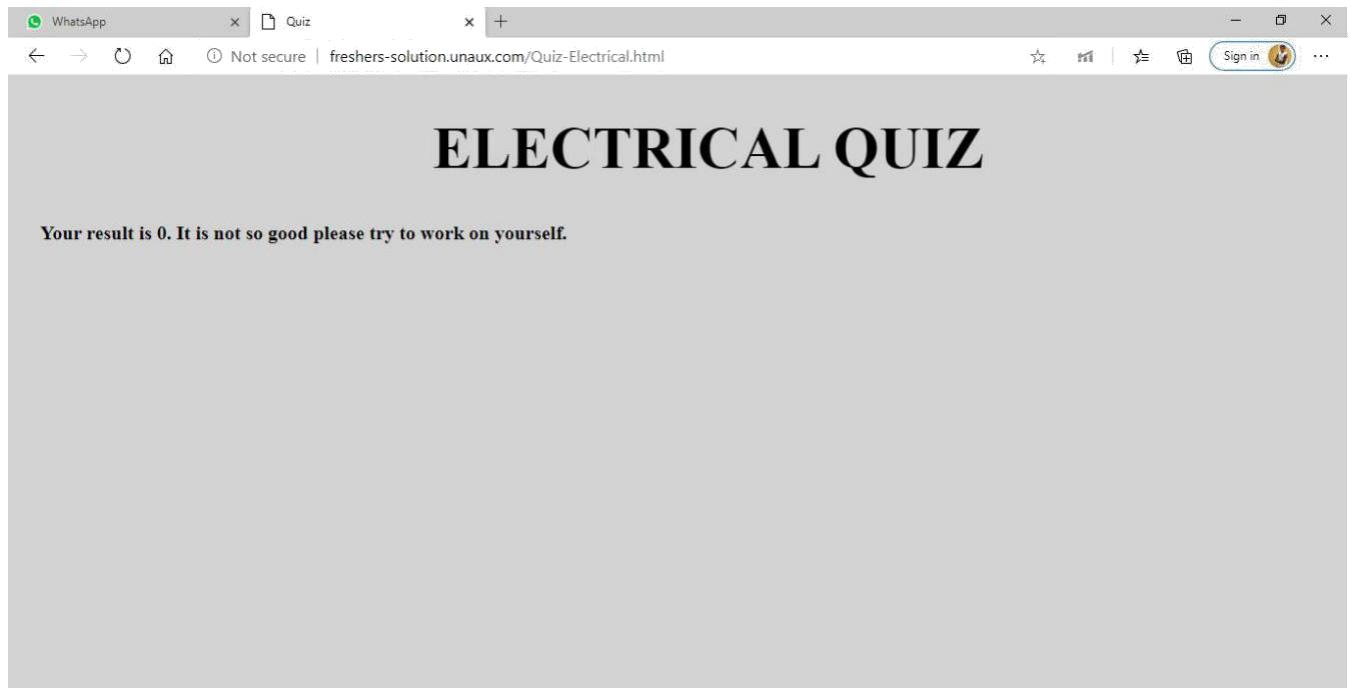
10. Form factor =

- A. rms value / average value  
 B. average value / rms value  
 C. rms value / peak value  
 D. Peak value / rms value

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The screenshot shows a web browser window with two tabs open. The active tab is titled "Mechanical Quiz" and displays the URL "freshers-solution.unaux.com/MechQ.html". The page content is titled "Mechanical Engineering" and contains three numbered questions:

1. A piston/cylinder with a cross-sectional area of  $0.01 \text{ m}^2$  is resting on the stops. With an outside pressure of 100 kPa, what should be the water pressure to lift the piston?
  - A. 178kPa
  - B. 188kPa
  - C. 198kPa
  - D. 208kPa
2. A 5 m long vertical tube having cross sectional area  $200 \text{ cm}^2$  is placed in a water. It is filled with  $15^\circ\text{C}$  water, with the bottom closed and the top open to 100 kPa atmosphere. What is the pressure at the bottom of tube ?
  - A. 119 kPa
  - B. 129 kPa
  - C. 139 kPa
  - D. 149 kPa
3. Find the pressure of water at  $200^\circ\text{C}$  and having specific volume of  $1.5 \text{ m}^3/\text{kg}$ .
  - A. 141.6 kPa
  - B. 161.6 kPa

The browser's address bar shows "Not secure". The taskbar at the bottom of the screen lists "WhatsApp", "Mechanical Quiz", and "Quiz" as open applications. The system tray shows the date as 25-11-2020 and the time as 19:38.

WhatsApp x | Mechanical Quiz x +

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C. 139 kPa  
 D. 149 kPa

3. Find the pressure of water at 200°C and having specific volume of 1.5 m<sup>3</sup>/kg.

A. 141.6 kPa  
 B. 161.6 kPa  
 C. 111.6 kPa  
 D. 121.6 kPa

4. A 100 m tall building receives superheated steam at 200 kPa at ground and leaves saturated vapour from the top at 125 kPa by losing 110 kJ/kg of heat. What should be the minimum inlet temperature at the ground of the building so that no steam will condense inside the pipe at steady state?

A. 363.54°C  
 B. 263.54°C  
 C. 163.54°C  
 D. none of the mentioned

5. A piston-cylinder device initially contains air at 150 kPa and 27°C. At this state, the volume is 400 litre. The mass of the piston is such that a 350 kPa pressure is required to move it. The air is now heated until its volume has doubled. Determine the final temperature.

A. 1400 K

and the conductivity of material being 0.08 W/m K. Find the thickness of board to limit the heat transfer loss to 200 W ?

A. 0.036 m  
 B. 0.046 m  
 C. 0.056 m  
 D. 0.066 m

7. For an adiabatic compressor or pump,

A. the enthalpy of fluid increases by the amount of work input  
 B. the enthalpy of fluid remains constant with the amount of work input  
 C. the enthalpy of fluid decreases by the amount of work input  
 D. none of the mentioned

8. On a winter day with atmospheric air at -15°C, the outside front wind-shield of a car has surface temperature of +2°C, maintained by blowing hot air on the inside surface. If the wind-shield is 0.5 m<sup>2</sup> and the outside convection coefficient is 250 W/Km<sup>2</sup>, find the rate of energy loss through front wind-shield.

A. 125 W  
 B. 1125 W  
 C. 2125 W

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A. 125 W  
 B. 1125 W  
 C. 2125 W  
 D. 3125 W

9. Which of the following curves meet at triple point?

A. fusion curve and vaporization curve  
 B. fusion curve and sublimation curve  
 C. vaporization curve and sublimation curve  
 D. fusion curve and vaporization curve and sublimation curve

10. Which of the following statements is true?

A. the slope of an isobar on h-s coordinates is equal to the absolute saturation temperature at that pressure  
 B. if the temperature remains constant, the slope will also remain constant  
 C. if the temperature increases, the slope of the isobar will also increase  
 D. all of the mentioned

I'm done!

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Your result is 0 .It is not so good please try to work on yourself.

The screenshot shows a Microsoft Edge browser window with the title "ELECTRICAL QUIZ". The URL in the address bar is "Not secure | freshers-solution.unaux.com/Quiz-Electrical.html". The page content lists several multiple-choice questions:

## ELECTRICAL QUIZ

1. Which of the following motors is used in ceiling fan?

- A. Universal motor
- B. Synchronous motor
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- A. Rectifier

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- B. Weber Turns
- C. Henry
- D. Weber Turns/Ampere

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5. The power factor of pure resistive circuit is

- A. Zero
- B. Leading
- C. Lagging
- D. Unity

6. The time taken by an alternating quantity to complete one cycle:

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- B. Frequency
- C. Angular velocity
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7. Specific gravity of a fully charged lead acid cell is approximately:

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7. Specific gravity of a fully charged lead acid cell is approximately:

- A. 1.18
- B. 1.21
- C. 1.17
- D. 1.16

8. Speed of DC motor is directly proportional to \_\_\_\_\_ and inversely proportional to:

- A. flux, back emf
- B. current, back emf
- C. back emf, flux
- D. back emf, voltage

9. Which is active component?

- A. Capacitor
- B. Transistor
- C. Inductor
- D. Resistor

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A. flux, back emf

B. current, back emf

C. back emf, flux

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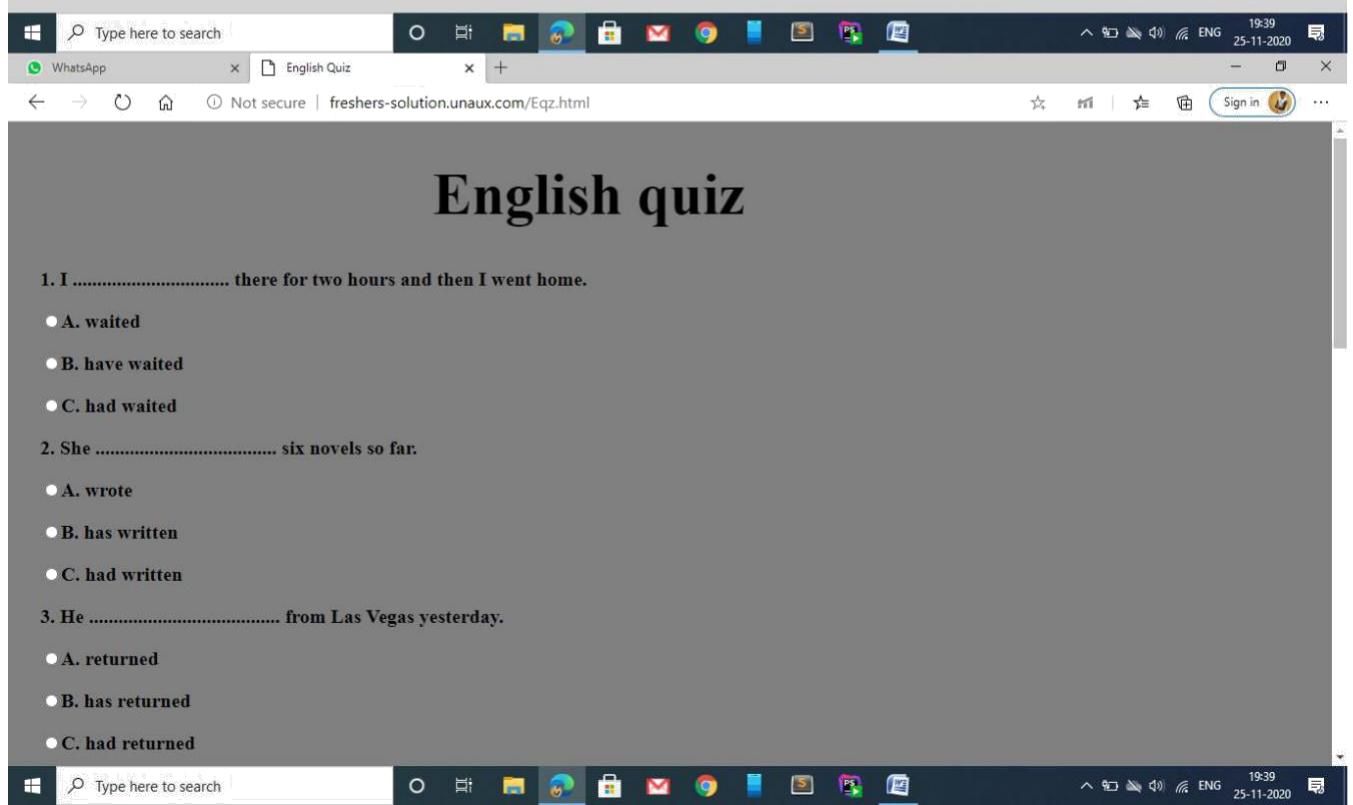
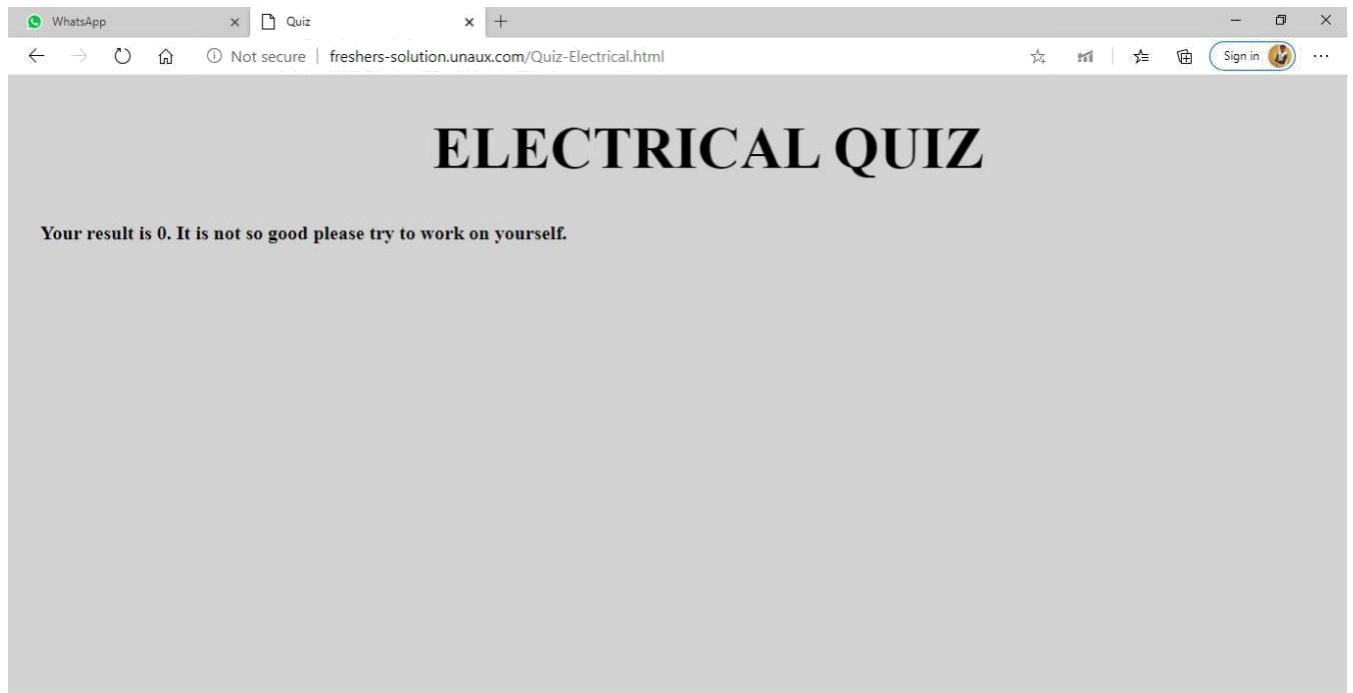
10. Form factor =

- A. rms value / average value
- B. average value / rms value
- C. rms value / peak value
- D. Peak value / rms value

I'm done!

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ENG 19:39  
25-11-2020



WhatsApp English Quiz

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● C. had returned

4. See that you ..... no harm.

- A. cause
- B. have caused
- C. caused

5. The hostess made sure that the guests ..... enough to eat and drink.

- A. had
- B. have
- C. had had

6. You will get the job if you ..... in the interview.

- A. succeed
- B. succeeded
- C. had succeeded

7. The doctor concluded that the man ..... several hours ago.

- A. died

● B. has died

● C. had died

8. We ..... to hear from him for more than two weeks now.

- A. are waiting
- B. have been waiting
- C. waited

9. The show ..... by the time we reached the theatre.

- A. began
- B. has begun
- C. had begun

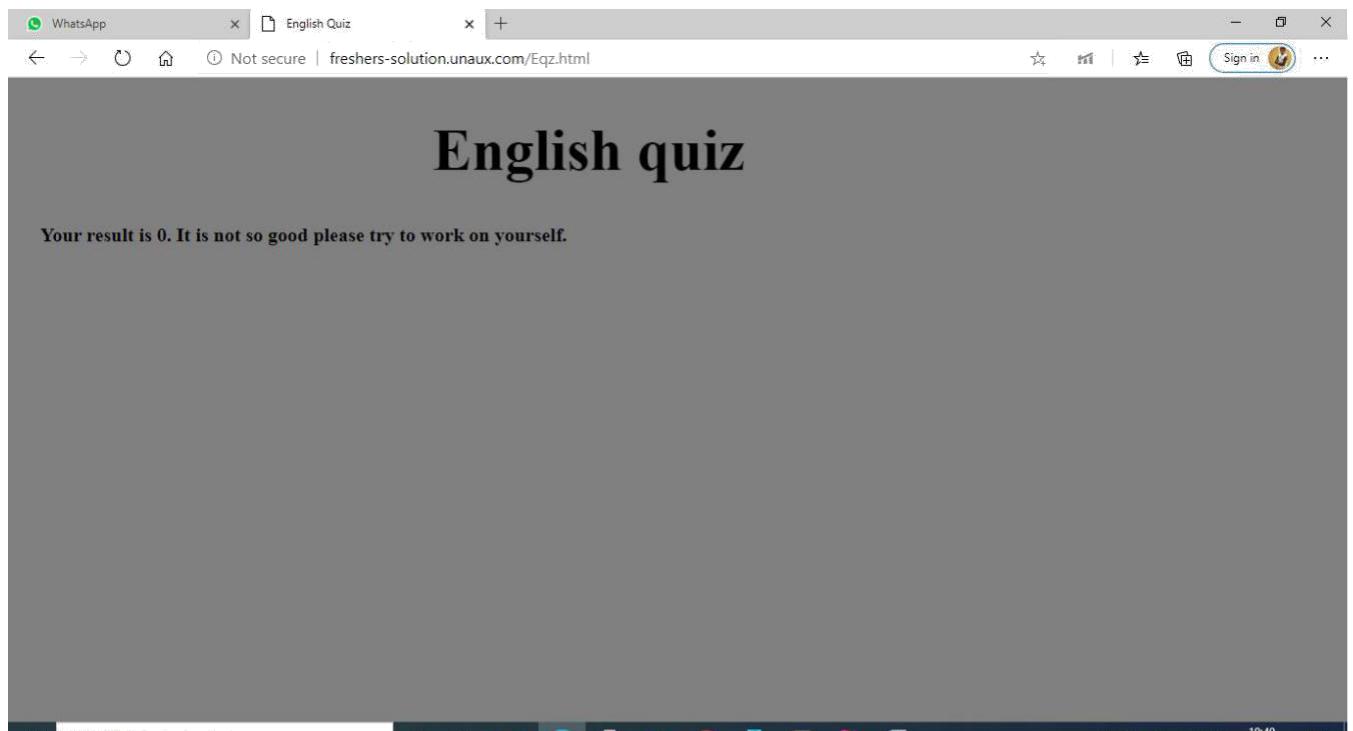
10. He ..... for work at 8:30.

- A. leaves
- B. is leaving
- C. will leave

Type here to search

Windows Taskbar

19:39 ENG 25-11-2020



A screenshot of a Microsoft Edge browser window. The title bar shows two tabs: "WhatsApp" and "About Us". The address bar indicates the page is "Not secure" and shows the URL "freshers-solution.unaux.com/AboutUs.html". The main content area features a blue header with the text "About Us". Below the header is a large image of a person's hands writing in a notebook next to an open laptop. A red text overlay on the image reads "We provide notes to gain knowledge." At the bottom of the page, a teal footer bar contains the text "Fresher's Solution Team". The browser interface includes standard navigation buttons, a search bar, and a toolbar with various icons.

WhatsApp About Us Not secure | freshers-solution.unaux.com/AboutUs.html

About Us Home Subjects About Us Blog



We provide quiz to check the knowledge.

freshers-solution.unaux.com/AboutUs.html#carouselExampleCaptions

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Fresher's Solution Team

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freshers-solution.unaux.com/AboutUs.html#carouselExampleCaptions

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About Us Home Subjects About Us Blog

BLOGGING

WEBSITE AUDITS

INFORMATION ARCHITECTURE

CONTENT

SOCIAL MEDIA

UX

WRITING

We provide blogs to enhance the knowledge.

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## Fresher's Solution Team



**Shivani Tyagi**  
Frontend Developer  
I am B.tech(3rd year) student . I implemented this project using HTML5,CSS,javascript ,advance JavaScript ,php and other technologies.



**Pragya Sharma**  
Fullstack Developer  
I am persuing B.tech student. I implemented this project using HTML5,CSS,javascript and advance javaScript,php and other technologies.

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I am B.tech(3rd year) student . I implemented this project using HTML5,CSS,javascript ,advance JavaScript ,php and other technologies.



**Mandvi Rai**  
Frontend Developer  
I am student of 3rd year in B.tech . I implemented this project using HTML5,CSS,javascript and advance javaScript other technologies.

I am persuing B.tech student. I implemented this project using HTML5,CSS,javascript and advance javaScript,php and other technologies.



**Manav Singh**  
Frontend Developer  
I am student of 3rd year. I implemented this project using HTML5,CSS,javascript and advance javaScript ,php and other technologies.

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**Mandvi Rai**  
Frontend Developer  
I am student of 3rd year in B.tech . I implemented this project using HTML5,CSS,javascript and advance javaScript other technologies.

**Manav Singh**  
Frontend Developer  
I am student of 3rd year. I implemented this project using HTML5,CSS,javascript and advance JavaScript ,php and other technologies.

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Team Freshers solution

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WHY HEALTH AND FITNESS IS IMPORTANT TO BUSY  
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**Personality-development**  
Personality Development : Most Useful Skill  
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**HEALTH & FITNESS**

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WHY HEALTH AND FITNESS IS IMPORTANT TO BUSY PEOPLE?  
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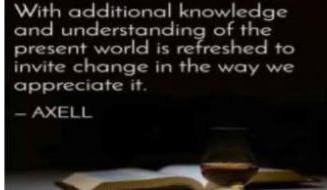
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How to Choose A Programming Language  
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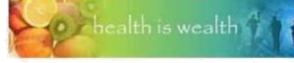
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Type here to search WhatsApp x PREPARATION FOR EXAM? x +

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November 24, 2020



health is wealth

WHY HEALTH AND FITNESS IS IMPORTANT TO BUSY PEOPLE?????



health  
fitness  
wellness

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With every passing day , the race to be fit and healthy become tough if you don't know how to be healthy and fit with the busy life . the easiest way to rent fitness equipments like treadmill, cross trainer, exercise bike and other fitness equipments at your home and workout at your own pace . if you are not sure about buying then rent the fitness equipment first and then purchase it.

Here are some hacks to remain healthy and fit:

1. Make it your priority.



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If you are not fit and healthy then you will never be happy with your Professional, social and personal life.You will not be able to enjoy any of your accomplishment,Avoid keeping your diet and exercise as your last priority.if you are fit and healthy then you will become more efficient and productive.

2. Plan your meal.



19:41 ENG 25-11-2020

If you make last minute decision on what you want to eat then you will definitely end up eating unhealthy food. To remain fit and healthy you should eat healthy foods. It is best to plan your meals in advance to avoid a last minute fiasco. There are numerous healthy food options from which you can choose.

3. Avoid bad habits.



Avoid all the bad habits you have which are harmful to your health. If you are addicted to smoking or drinking then you will have to avoid it in order to remain fit and healthy. Bad habits are not only limited to smoking or drinking but if you are addicted to sweets also that you also need to leave or limit yourself towards it. You can go for alternate food items in order to limit yourself.

4. Find ways to exercise.

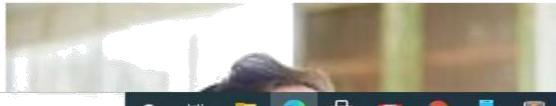


5. Leisure activities equivalent to exercising.



Instead of going to an ice cream parlour in a group you can go for sports outings like football, cricket, or any other sports. Whatever activity you choose to do in your leisure time, try to make that activity equivalent to exercising your muscles.

6. Relieve Stress.



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7. Regular health checkup.



With your busy schedule you don't give enough attention to your health and it goes down on your priority list with every passing day. Schedule a regular visit to a doctor in order to know your current health status and how you can further improve on it. It's better to be proactive rather than to completely neglect the situation. Better you feel better you will be able to cope with your busy life.

8. Hygienic Environment.

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November 23, 2020

### PERSONALITY DEVELOPMENT: MOST USEFUL SKILL...



We all possess certain personality traits that set us apart from the rest. A mix of good and bad, these traits define how we respond to situations and people.

Our personalities are influenced by our overall development of the thinking, perception, attitude, nature, mood, behaviour and activities that work on an individualistic nature. It is a tool to bring out one's innate abilities for self-recognition and bring confidence to face the outside world. To achieve success in life, one needs to balance their technical skills with the soft skills or cognitive side. It becomes difficult to distinguish oneself from the crowd, in this competitive era with multiple people with same position. So, soft skills help in getting an edge over other competitors.

Waiting for cache... rsion of ourselves if we want to. So, if you are willing to become the most terrific version of

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**INTRODUCTION**

As a fresher we just need to introduce our name, highest qualification, strengths, hobbies, significant achievements (academics/sports/etc.) that will help recruiters understand what kind of an individual you are. Make sure you have a very confident & polite tone and most importantly focus into the recruiters eyes.

**STRENGTHS**

Tell your strengths which are align with the company's needs, Make sure you use some stories, quotes described it. By the help of your strength you have to convince recruiters that you have qualities, skills, and experience that set you apart from the competition and you are someone who will make an excellent addition to their team

**WEAKNESS**

you should try saying about some weakness which is actually a strength from their point of view, but don't just make some story, it must be your weakness. Most importantly, you need to tell them that you are working on it to overcome your weakness, because no one is born perfect, everyone has to gain their strength and remove their weakness

**HOBBIES**

Asking about hobbies and interests is also about determining your cultural fit for an organization. Your hobbies should be relevant to job and that show case your creativity in front of recruiters. Your hobby can be any sport too. Never say that you don't have any hobby, it give negative impact

**BEST ACHIEVEMENT IN LIFE :**

The answer for this question describes a lot about your personality. You should talk about some challenging situation in life and how did you face it. This should ideally describe your capability like completing huge tasks on time by stretching at work when your project deadlines arrived close by. may be talk about how do you handle situations under huge

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spirit. Understand the Job Description, do prior research before interview and once you have this first hand information try talking about some specific skill set that recruiter is looking for which is readily available for that job. Ensure you don't talk about the trait you actually don't possess. This can back fire you.

**YOUR BODY LANGUAGE IS EVERYTHING**

Body language is the first thing that can set the base in an interviewer's mind. The way candidates carry themselves off is a dead giveaway on how seriously they take life. The candidate should be able to provide answers which he/she believes in and goes in accordance with his thought process. Too slouchy an appearance can signify lack of mood and aura while too concise and brief may be a sign for rigidity. Etiquette matters a lot. They are an insight into how the candidate is, as a person, and how he/she treats fellow humans. Misnomer or any ulterior thoughts in mind can be detected easily through your body language and etiquette, creating mistrust in the mind of the interviewer and may cost the candidate to lose out.

**Happy Coding and Never Give Up!**

Team Freshers solution

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November 23, 2020

## HOW TO BECOME FAST LEARNER.....



A strong memory depends on the health and vitality of your brain. Whether you're a student studying for final exams, a

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you've reached adulthood, your brain has developed millions of neural pathways that help you process and recall information quickly, solve familiar problems, and execute habitual tasks with a minimum of mental effort and you have to shake things up from time to time. Proven ways to protect memory include following a healthy diet, exercising regularly, not smoking, and keeping blood pressure, cholesterol, and blood sugar in check. Living a mentally active life is important, too. Just as muscles grow stronger with use, mental exercise helps keep mental skills and memory in tone.

### INTRODUCTION

From ancient times to modern world, the ability to memorize is a prized skill. Whole cultures were passed down through the centuries by those who remembered the stories, legends, history, and taboos and laws. The advent of the printing press launched a new era of "looking things up." Today, the Internet and its search engines may seem to be making memorization little irrelevant in the modern world. What we don't remember, we think we can always look up.

### FACTORS

- FOOD YOU EAT
- EXERCISE
- SLEEP
- ENVIRONMENT
- FRIENDS

Food to eat : Green-leafy vegetables, blueberries, tea and coffee, walnuts, cereals, seeds and yogurt etc.

Exercise : At least you should do 30 minutes exercise daily, if you can exceed it then it is great. As it increase Oxygen level and certain happiness hormones which helps a lot in your study.

Sleep : Try to go to bed and wake up at the same time because it avoids unexpected sleep pattern and ultimately prevents your time wastage in study schedule.

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management according to your study schedule.

Friends : Surround yourself with the people who constantly inspire you and motivates you, their emotional support helps you gain your moral boost and it is good to have a backup as friends.

### HABITS

To create the study and learning your habits then there is one simple exercise, in which you require two glass jars or any containers, then fill one jar full of marbles and other one empty then place the marbles from one jar to other when you complete something and when first jar become completely empty then use second jar as first one which is full now, this helps you create any habit.

### MINDSET AND STUDY DURATION

Your mindset should be productive and growing. Make learning fun (haha.. seriously!), actually this can be happen by giving 25 minutes to study and learning and 5 minutes rest and repeats it for 4 - 5 hours daily .it gives more focus and motivation, and boost your mindset too. Relax time is to hydrate, to move around and just to take deep breathe and fill your lungs with Oxygen instead of scrolling your mobile phones.

### FOCUS AND EFFICIENCY

Limit your distractions is the focus. Seeing the notification on phone during the study time, waste your much more time than you think; and it takes 20 minutes to recover and comeback to study matter and refocused. For increase the efficiency , write your goals or daily tasks on paper and check it repeatedly. Meditation also increase your focus and efficiency.

### ENVIRONMENT

Study Environment comprises of three factors : Location, Sound and Smell. Most people say that your study place should be fix but it is not always correct. It is better to change your study location often, if it does not make you feel listen something.

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### TECHNIQUES



A photograph showing a person from behind, standing in front of a tall, well-stocked bookshelf. The person appears to be looking at or reaching for a book on the shelf. The bookshelf is filled with many books of various sizes and colors, creating a dense, organized wall of knowledge.

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## ← PREPARATION FOR EXAM?

Read the questions before reading the chapters to know what are the key points to remember.

Songs are easy to remember than the study material because songs have emotional attachments with it, So if you need to remember the study material then use all your senses and make it emotional too like music .

The most important technique for learning is the "Variety". Use of variety means use different medium of learning to make it a strong memory. Like after you read something from book ,watch it on Youtube, listen to professor, teach it to your friends , or take some courses about it, this technique helps a lot to remember things easily but take some time.

Stay away from multitasking. Write down what needs to be memorized over and over. Relate new things to what you already know.

**Happy Coding and Never Give Up!**

Team Fresher's solution

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## ← PREPARATION FOR EXAM?

November 24, 2020

# knowledge is power

WHY ADDITIONAL KNOWLEDGE IS IMPORTANT?????



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Power is gained by sharing knowledge, not hoarding it.

It is said that **KNOWLEDGE IS POWER**. IT has versatile shades of application and holds good in several contexts. Knowledge has enabled us make all the advancements in the science technology and many other field that we have been able to achieve. It has made us far more capable, superior and sophisticated beings on this earth. Knowledge is the primary factor that clearly identified the human race from the animals.

Human being has the power to judge situations, decide between what is good and what is bad and make decisions as a good point of view. It is important that we make the best use of the gift of knowledge so that we achieve great feats and heights in every domain of our life.

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While the education during the initial years of schooling are important because in school we also gain the basic knowledge for the further college and life ,

EXPERIENCE

study in books. Knowledge is also very important to shape our personality, vocab and perfect our behavior and dealings with people.

We need to understand ourselves, our strengths and weaknesses. We need to learn from the life that what kind of people is being faced in our life . We must master the techniques of adjusting and accommodating with the changes in our surroundings and life situations. We must make best judgments and going through on the right course that will let us move successfully.

**"Imagination is more important than knowledge**

Albert Einstein

We must save ourselves from dangers and stay balanced and strong during difficulties and adversities. We must know how to assert our views and also take knowledge to our junior and senior as well because **Knowledge is the thing which can be active by everyone**. We must learn how to successfully manage relationships and people both at homes and professional spheres. For all this, knowledge is important.

Knowledge accounts for the success of people. The more knowledgeable you are, the more advantage you have as comparison to the other people. The better you are equipped to manage yourself and others, the easier your journey of life. More than anything, knowledge must be put to good use.

There is no use of such knowledge that do for one's own destruction, Knowledge should let you take the right course in life in a way useful to yourself and the society at large. Great men and women have put their knowledge to good use and have reached exalted heights being remembered

An investment in knowledge pays the best interest.

Benjamin Franklin

EVERYDAYPOWER

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The screenshot shows a Microsoft Edge browser window with two tabs open. The active tab is titled 'PREPARATION FOR EXAM?' and displays a quote from Bruce Lee: 'Knowledge will give you power, but character respect.' The quote is overlaid on a background image of an open book. Above the quote, there is a decorative banner featuring various school-related icons like books, pens, and a calculator. The URL in the address bar is <https://hdsjcdcbdbchu.blogspot.com/2020/11/why-additional-knowledge-is-important.html>. The browser interface includes a search bar, a taskbar with pinned apps, and system status icons at the top right.

Knowledge sets us free, and makes us less dependent on others. Freedom is essential for real power. Of course, being truly free means that we do not use our power to control other people against their will.

2. Respect.

**Knowledge will give you power, but character respect.**

Bruce Lee

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This screenshot is identical to the one above it, showing the same quote by Bruce Lee and the same browser interface. The active tab is still 'PREPARATION FOR EXAM?' and the URL is the same. The visual elements, including the quote overlay, the school-themed banner, and the overall layout, are consistent with the first screenshot.

Possessing knowledge can really give us a feeling of self fulfillment and confidence. Knowledge is something that – no matter how many trials we come across in our life – we can always fall back on. In addition, if we find ourselves facing a trial in life, knowledge can enable us to find a solution to the issue that boosts our self esteem even further. What could be more of a confidence boost than knowing that we used our own skills and knowledge to surmount one of life's challenges?

4. Positivity.

**Positive Mind.**  
**Positive Vibes.**

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motivated, determined, engaged with the world and self reliant. It also fills us with enthusiasm and joy – after all, humans love learning new things and the process of finding out new facts is a wonderful end in itself.

5. Morality.

When we have knowledge, we can act more morally. Possessed of all the facts and the relevant skills, we can put our desire to help others into practice much better than we could do if we had less knowledge. For example, if we have some money that we wish to donate to charity, knowing facts about how that money could best be used will enable us to help the greatest number of people with it.

**Conclusion**

There is no denying that there are several convincing arguments for the notion that 'knowledge is power', and it is always best to use our power for good.

FOR ANY INQUIRY YOU CAN TEXT ME ON

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## Language for a Project:

Choosing a programming language for a project is different than choosing one to learn. Often, people will tell you that there's no choice. Certain languages are chosen as the industry standard, and you just have to adapt. With as little freedom as you have, there are still some considerations to be made when choosing a programming language. After all, it will impact the main constraints on your project, such as time, budget, resources, and maintainability, and etc.

Language	Percentage
JavaScript	67.8%
HTML/CSS	63.5%
SQL	54.4%
Python	41.7%
Java	41.1%
Bash/Shell/PowerShell	36.6%
C#	31.0%
PHP	26.4%
C++	23.5%
TypeScript	21.2%
C	20.8%

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In Corporate IT departments, this is often one of the issues technology managers struggle with at the beginning of many in-house software projects. Sometimes, the decision will stare you in the face when you're trying to scale up legacy systems and bring them up-to-date.

Enter your comment...

November 23, 2020

## WHY LEARN COMPETITIVE CODING ? :

### 1. Coding and programming careers have great earning potential

One of the strongest and most obvious draws of learning to code is the earning potential for coding and programming professionals. The **Bureau of Labor Statistics** (BLS) tracks salary and other important workforce information for a variety of careers.

Take a look at the BLS' 2019 median annual salary information for these coding and programming-related professions:

- Web developers: \$73,760
- Network and computer systems administrators: \$83,510
- Computer programmers: \$86,550
- Database administrators: \$93,750
- Software developers: \$107,510

A screenshot of a Microsoft Edge browser window. The address bar shows the URL: <https://hdsjcdcbchhu.blogspot.com/2020/11/learn-competitive-coding-1.html>. The page content lists several high-salary professions:

- Web developers: \$73,760
- Network and computer systems administrators: \$83,510
- Computer programmers: \$86,550
- Database administrators: \$93,750
- Software developers: \$107,510

To put it into perspective, the national average for all occupations in 2019 was \$39,810. As you can see, careers that involve some programming, coding or scripting skills tend to come with above-average salaries.

## 2. Learning to code offers career flexibility

A key area of your life important in growth is a successful career. Learning to code helps achieve that through many avenues and opportunities. There is a high demand for developers who understand front-end languages like HTML, CSS, Javascript and back-end languages like Ruby and Ruby on Rails.

Making any career change can be scary as you're unsure of whether you will be financially stable and be able to do the job successfully. Learning to code helps take away a lot of that worry, with its salary potential and job growth prospects.

## 3. Enhance your social life

### 2. Learning to code offers career flexibility

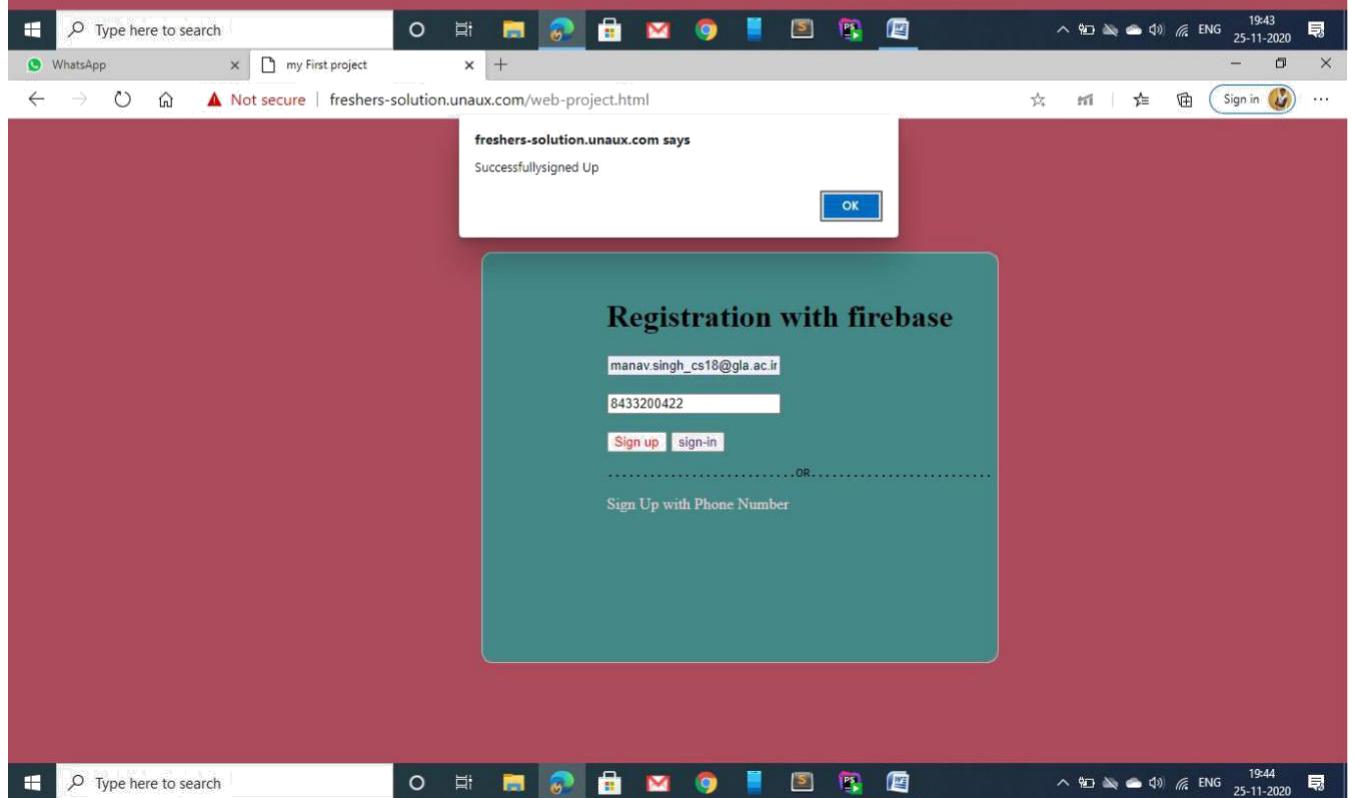
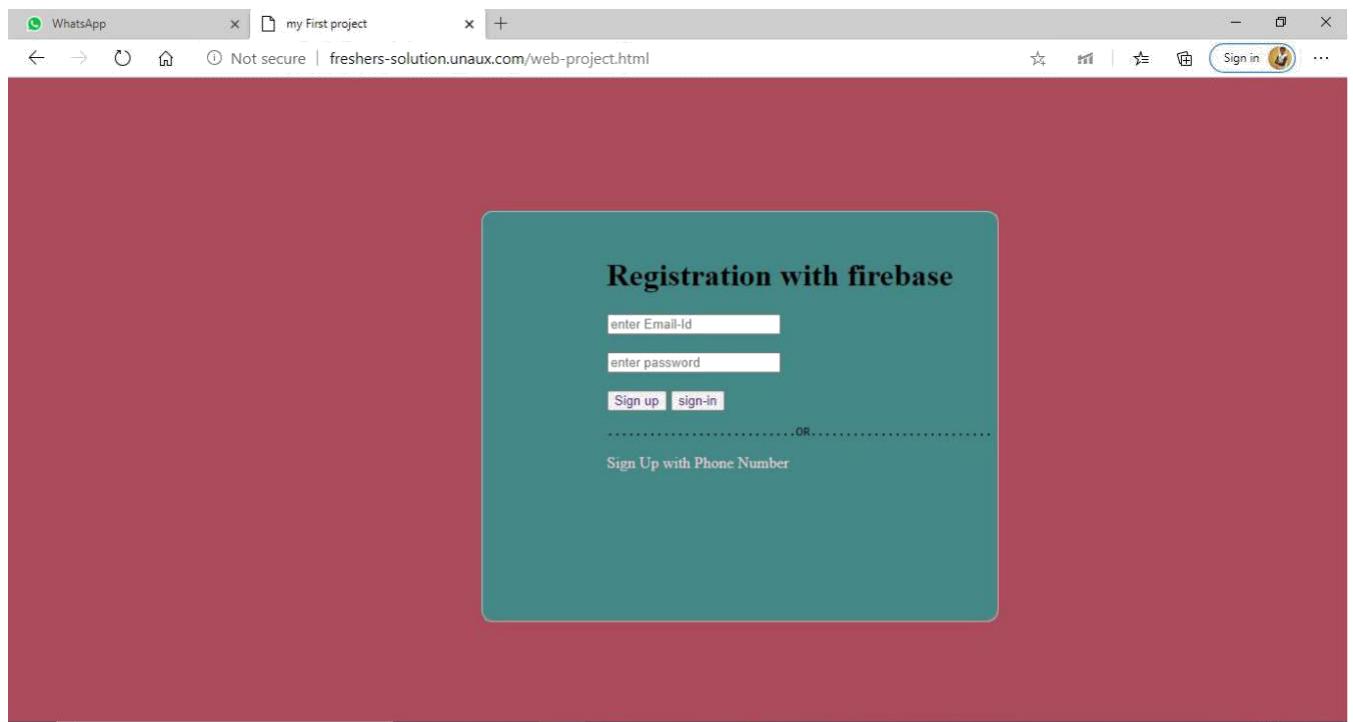
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Making any career change can be scary as you're unsure of whether you will be financially stable and be able to do the job successfully. Learning to code helps take away a lot of that worry, with its salary potential and job growth prospects.

## 3. Enhance your social life

Learning to code affects your social life positively, as it can provide an outlet for you to interact with the rest of the world, as well as those close to you. You develop the ability to make applications and websites for things you care about and want to share.

You become armed with the tools to create a platform for which people who share your interests or beliefs can all get together, whether it's based on a product, service, or idea.



## FUTURE PROSPECTS

- Platform where live lectures ,test can be organized.
- Live interactive session can be organized.
- Can be open e-library.

## **References**

[www.udemy.com](http://www.udemy.com)