



WELCOME TO UET



Golden Circle



Three Important Components

Any Task, Activity or Goal can be converted into three Major Components.

- **What** is the Task
- **How** we are doing the Task
- **Why** we are doing it

Three Important Components

Three Components of this

- **What**
 - Taking Lecture, Review It, Doing Assignments
- **How** we are doing the Task
 - The Way you take notes, review the lecture
- **Why** we are doing it
 - What is the reason you have to do all this ?

Everyone has its own why

Some time why is **explicitly stated** and some time it is hidden somewhere in our head.

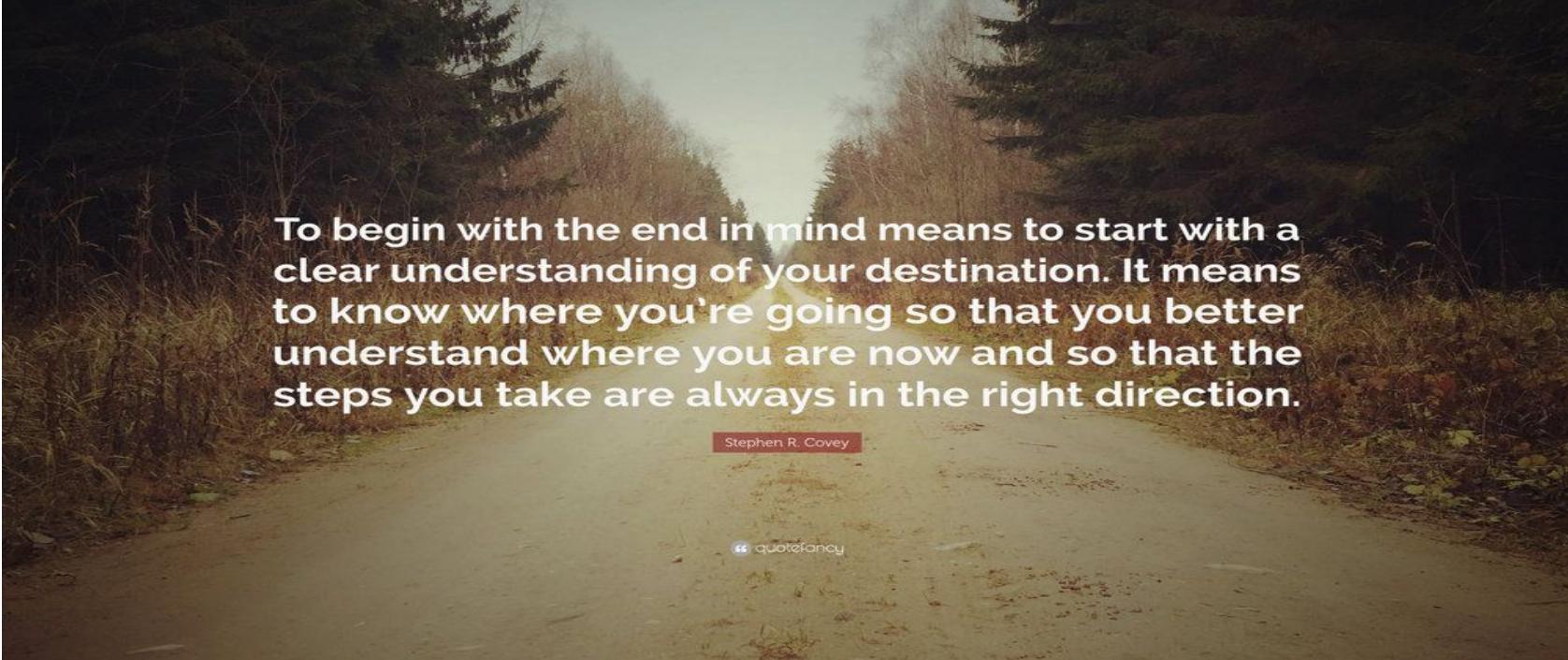
Everyone has its own why

What is your WHY ?

Importance of WHY ?

کوئی انسان کتنا عظیم ہے اس کو سمجھنے کے لیے یہ نہیں دیکھنا
چاہیے کے وہ کیا حاصل کر چکا ہے بلکہ یہ دیکھنا چاہیے کے وہ کیا
. حاصل کرنا چاہتا ہے

Importance of WHY ?



To begin with the end in mind means to start with a clear understanding of your destination. It means to know where you're going so that you better understand where you are now and so that the steps you take are always in the right direction.

Stephen R. Covey

quotefancy

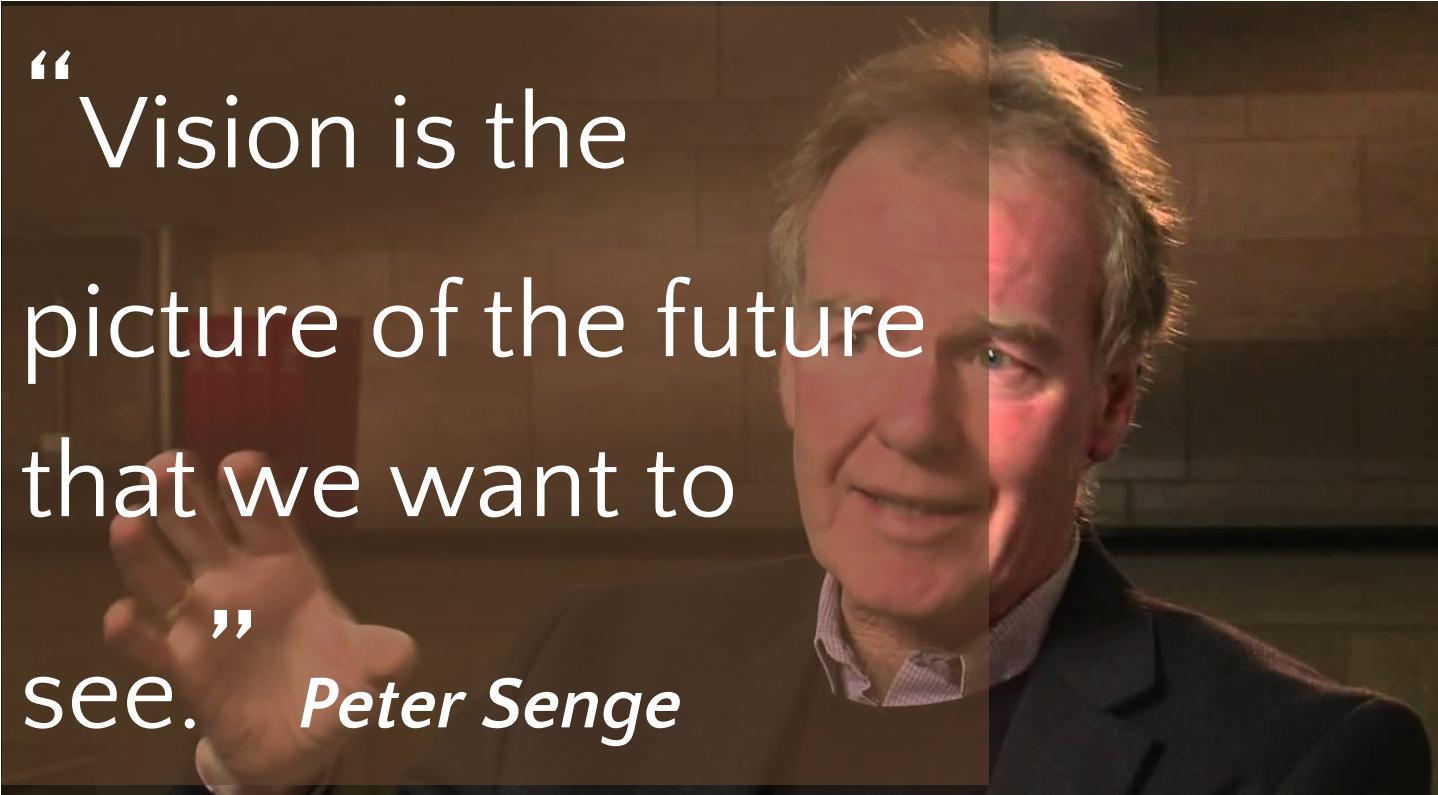
Importance of WHY ?

خردمندوں سے کیا پوچھوں کہ میری ابتدا کیا ہے
کہ میں اس فکر میں رہتا ہوں، میری انتہا کیا ہے
خودی کو کر بلند اتنا کہ ہر تقدیر سے پہلے
خدا بندے سے خود پوچھئے، بتا تیری رضا کیا ہے
(علامہ اقبال)



|| What is Vision ?

“ Vision is the
picture of the future
that we want to
see. ” *Peter Senge*



Alice is WonderLand ?





By end of this week you
shall be able to define
Vision of our first Year



But before that let
understand some
terminologies and words



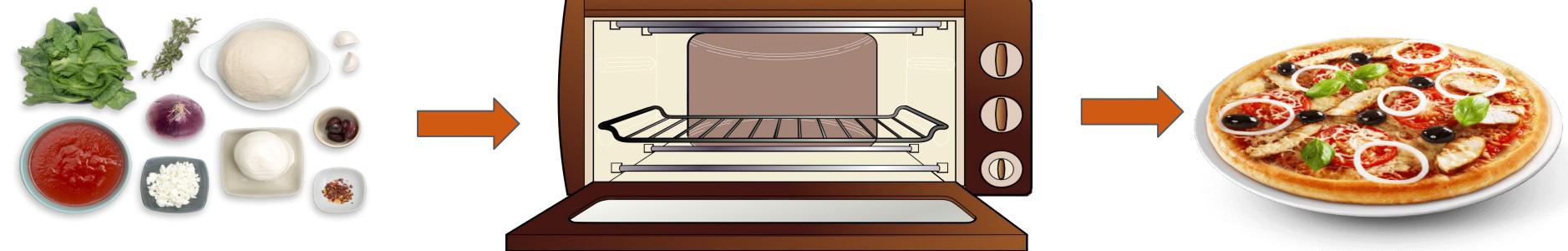
What is a Computer

Computer has revolutionized the world



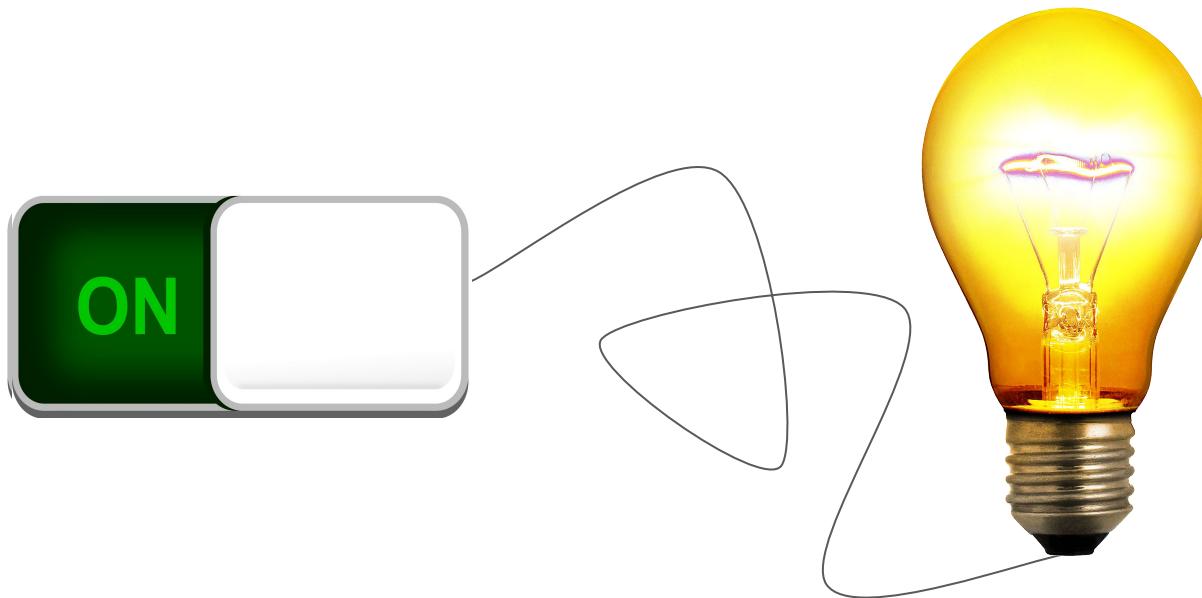
What does a machine do?

Every machine takes **input**, **process** on it and gives **output**



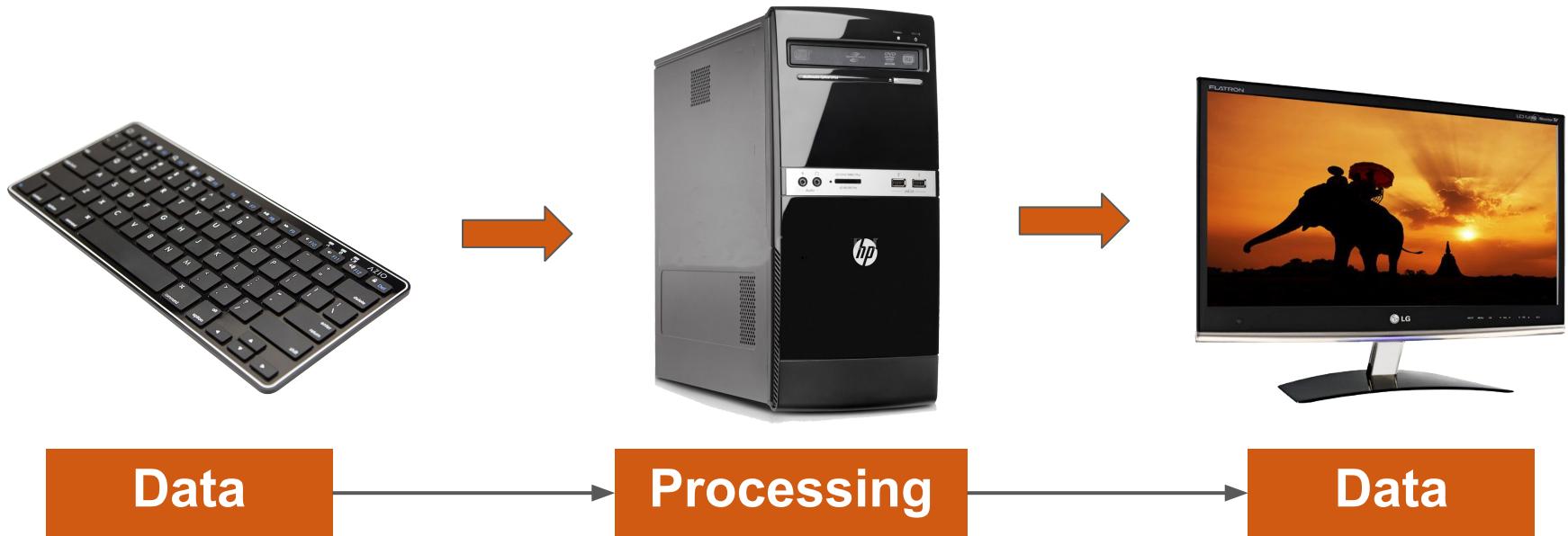
What does a machine do?

Every machine takes **input**, **process** on it and gives **output**



Computer is also a machine

It takes **input**, **process** on it and gives **output**



Processing on Text

Input

Unsorted Data
10
28
05
18
21
17

Output

Sorted Data
05
10
17
18
21
28



Processing



Processing on Image

Input



Output

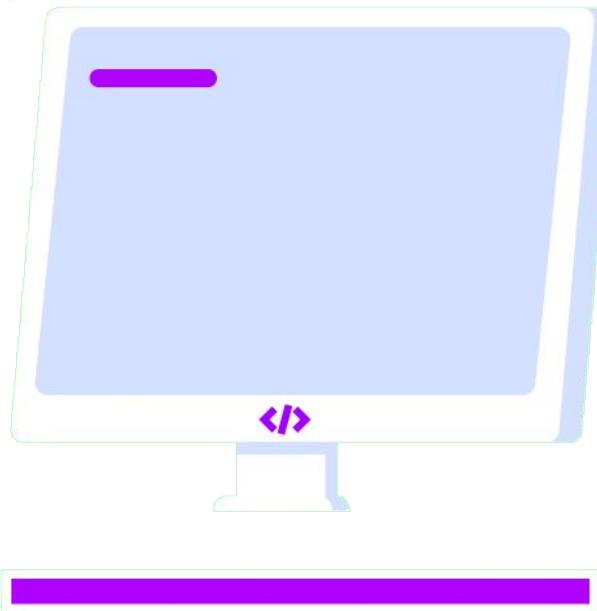


What makes the Computer Powerful?

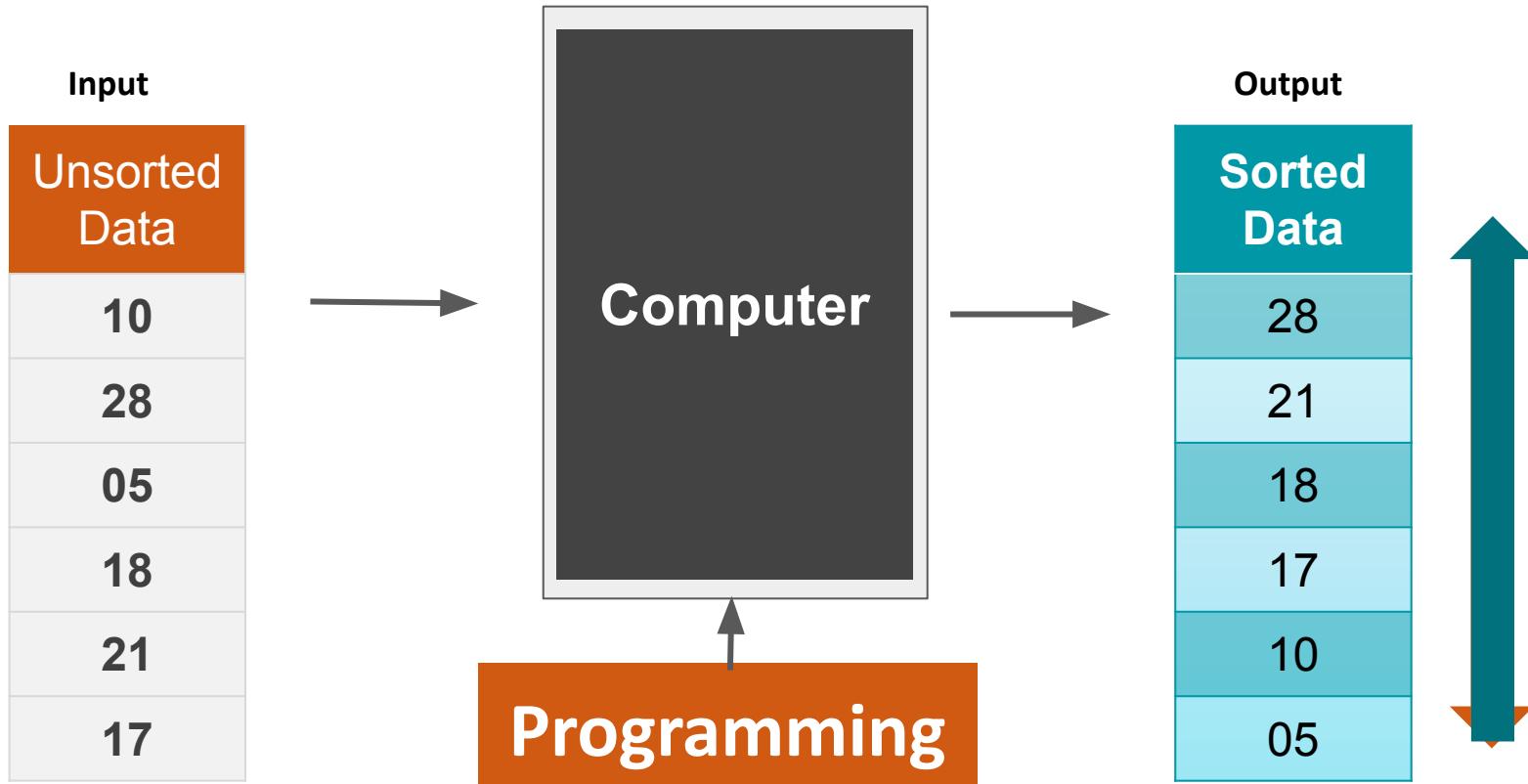


What makes the Computer Powerful?

We can give **instructions**, that tells the computer how to convert an input to relevant output



Sorting Ascending Order



The Power of Programming



Learning Objective

Now, you should be able to
Define what is the vision, why it is important, what is computer and role of Programming



Conclusion

- Computer is a machine that **Converts** one form of **Data** into other form of **Data**.
- Traditional Machines have **Predefine Behaviour** that can not be changed.
- Unlike other machine, we can instruct Computer to do **Different Tasks**.
- It is achieved through **Programming**.

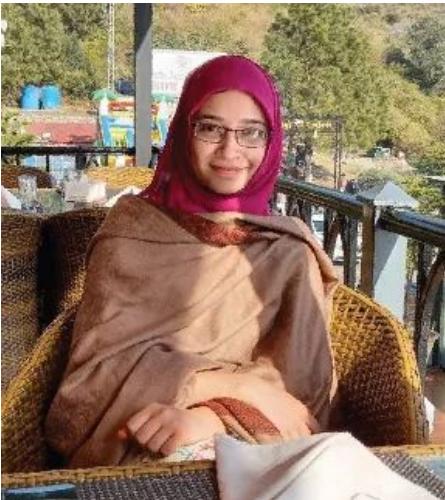


Self Assessment

1. What is **Machine**?
2. What type of **Input** we can give to Computer?
3. What is **Difference** between computer and other machines?



Your Teachers



Maida Shahid



Laeeq Khan Niazi



Mirza Osama Ijaz

Your Seniors to help you



Hafsa Rashid

I always like to help my juniors..



Tajammal Maqbool

I love Programming. I like to help people to learn Programming. I want to become a Great Game Developer



Eman Muneeb

I like to do programming and developed many programs and applications including web application.

Your Seniors to help you



Mian Zain ul Tahir

As a student I can describe myself as friendly, enthusiastic and respectful person. I am very much fond of programming



Shanza Nadeem

I am Shanza Nadeem. I am a Computer Science student at UET. My passion is to learn new and creative things.



Abdullah Uppal

I am very passionate about programming. I've been trying ReactJS from past few days. I am very eager to help out juniors in programming too.

Your Seniors to help you



Kashir Saeed

Currently, I'm in third semester. Basically, the main thing about programming is logic building. If any of the students does not have good logic than don't panic.



Umair Ahmed

I am from Chakwal. My programming experience with Dr. Awais Hassan was too good. I am always energetic and eager to learn new skills.



Roha Khan

This is Roha Khan . My hobbies were reading, writing, sketching, crafting but from the past one year programming have become the center of my interest.

Your Seniors to help you



Rizwan

Hello everyone! My name is Rizwan and I love to play with computers and machines 😊



Mahnoor Khan

My name is Mahnoor Khan. All I know is all you'll know!



Farrukh Haider

Currently in third semester of BSCS. Like to learn and explore things related to tech.

Your Seniors to help you



Khuzaima Umair

Programming and learning something new passion. I have great expertise in programming. I want to share my knowledge with others because it helps in increasing our knowledge



Muhammad Awais

Programming is my passion. I have interest in tech and I explore new technologies in my free time.



Muhammad Aqib

Programming has always been a strong aspect of mine, So through this opportunity I would like to further polish my skills and help my juniors do the same for themselves.

Your Seniors to help you



Ridsa

I wanna participate in programming day to improve my logic building skills and to help others in error resolving (debugging)



Muhammad Ali Murtaza

I am from C section 2020 session of CS department And I like to deliver what I have gained



Asad Mehmood

My name is Asad Mehmood. Currently am in 3rd semester. I want to help out juniors and also to improve my skills more.

Your Seniors to help you



Suhaib Awan

Hi Im Suhaib Awan and I really dig coding. Currently Im working on machine learning modules along with web APIs.



Musawir Ahmed

Love to learn new things.



Zeshan Ayub

I'm Muhammad Zeshan Ayub from Section C 2020-CS-113. I am eager to learn new technologies and skills in IT field.

Your Seniors to help you



Hammad Anwer

This is Hammad Anwer.I really have a great foboff to explore , develop, and make today better than yesterday.



Mujahid Hussain

I'm Mujahid Hussain, a software developer with exceptional problem-solving skills. I am eager to deliver what I have.



Moiz ul Haq

My name is Moiz ul haq I like to build new logics also want to help beginner programmer's by making programming easy for them.I am always here to help my juniors.

Your Seniors to help you



Humna

I'm humna a sophomore in university of engineering and technology's computer science department with concentration in front-end development,



Safeeullah

My name is Safeeullah.
Programming is my passion
and I love to share new ideas.