

Warm up:

Hi my name is Diksha , I am from Rajasthan India., my hobbies are Playing tennis and swimming.... And I'm going to be your coding teacher for this class today.

What is your good name?

Which grade are you in?

Where are you from, which country?

<Reply: I know xyz from the same country....school...another student...>

That's really great

May I know about your hobbies?

<Student reply>

Awesome....

Thank you so much for giving your introduction

Do you have any idea what we are going to do in this class????

<Student – No idea>

Before starting

LETS PLAY A GAME Together...

Are you ready for that...

<Yes>

Great..

So in this game , you have to follow what Diksha Says....For example If Diksha says stand up , so you have to act accordingly...

Ok..

Diksha says close your eyes..

Diksha Says raise your left hand

Diksha says Clap...

Very well done..Keep this spirit up..

:You know In today's class we will be learning about coding , also about the platform that we are going to use for creating the project, we will be learning about some important concepts of coding after which we will have a small quiz based on what we learnt in the class, after which I will be having a word with your parents regarding some things related to today's class and also about further more details related to the importance of coding etc.

Before we dive deep into it , Please let me know if you Have ever heard about Coding Before ? Do you know what coding is?

<Student answers>

If you remember the previous fun activity that we just played , you were able to perform the actions because there was a common language to communicate that's is English in our case because we both understand English..

Similarly if you want to convey your message to a computer , you should communicate with its language. And coding is the study of that language in which we can communicate with a computer.

I hope that Is clear to you now?

<yes>

And In this class we are going to create a project on an online platform called “ Thunkable “ which allows us to create mobile applications very easily , ‘

Lets visit this platform , This is how it looks ,

So to create any program, we need 2 things ,

1 is the app design where you will instruct computer what to include and how you want your app to appear.

2ns is giving functionalities so that we can give life to the design...

On the left side you can see the list of all the possible components which are required to create a mobile application...

And there is drag and drop option to include them on the mobile simulator provided in the middle ...

Using this area we can design our app easily..

on the right side ,

we are able to see the properties related to any component which we select,..

Lets explore this while creating a beautiful app that is Chat App...

So first step to create any project is to break it down into smaller chunks so that we can complete them step by step....

We should have a very clear picture of the app which we are going to create...

So in your chat application , we want:

1. And input box to let user type some message .
2. A button to send the message text
3. A label to make the message visible
4. We want to show atleast 5 messages in sequence.

Lets get started then ,

At first we need to add an App title ,
So from the “add components” section , you can see a Label ,
Lets drag it and drop it on the screen ,
Now I would like to change the name of the label as title ,
So lets make some changes and see if it is perfect....

Here we go...

After that could you tell me what we should add next???

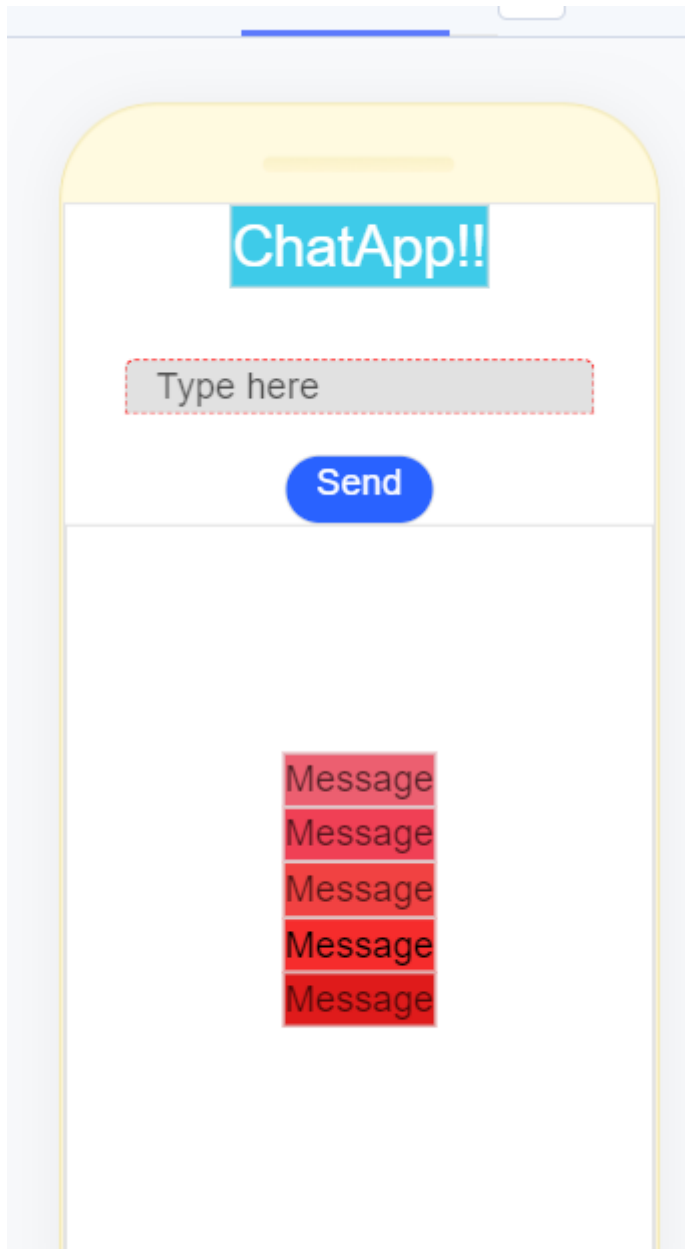
An input box..

That's right?

Lets add an input box from the add components section...
Now it is placed before label, we don't want that , so from the top we can
adjust their sequence...
I will drag it after title..
Now its perfect...

If this thing is clear to you , do you want to add a button as well as the labels
to show the messages????

<yes>



That's perfect , please share your screen , I will guide you through it...

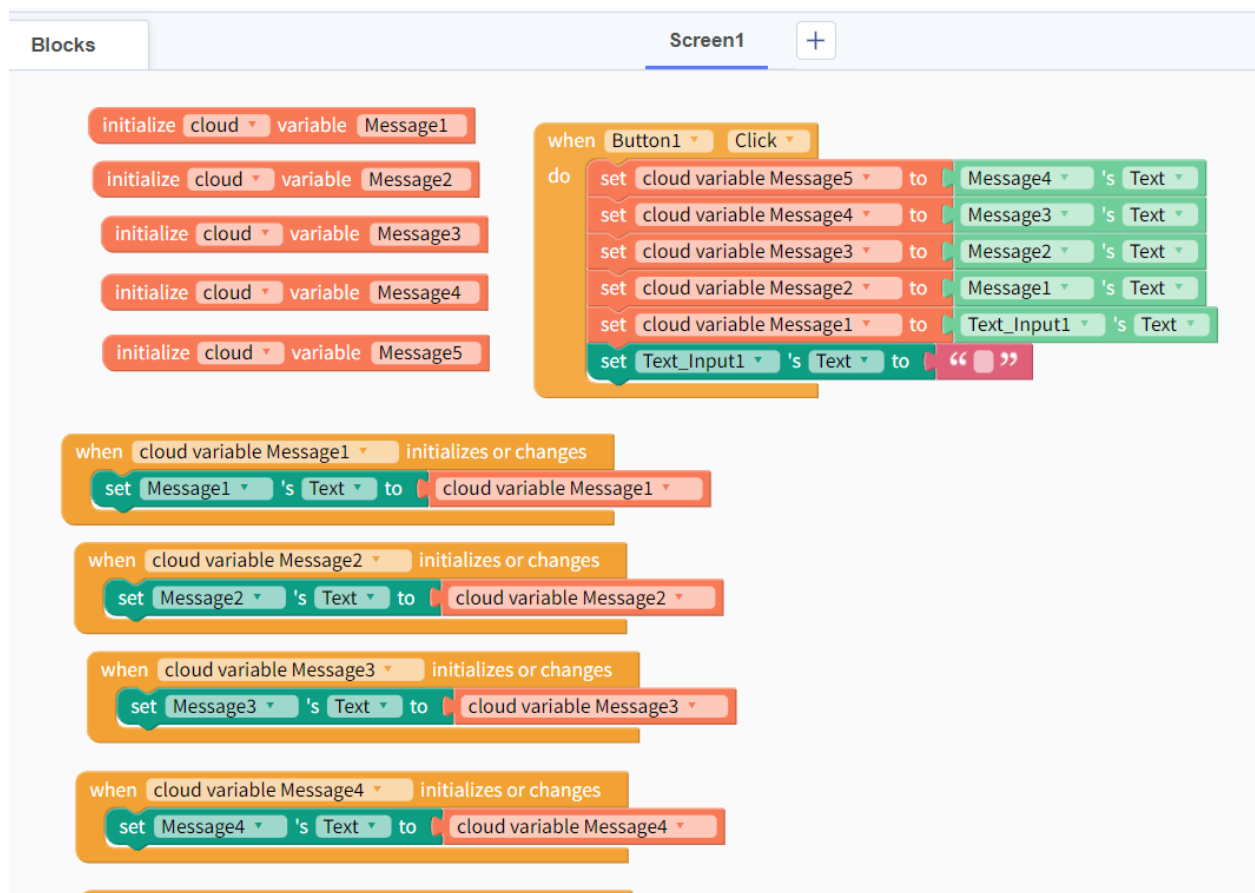
<Guide the student to create a button as well as add labels>

That's a perfect job, now you can stop sharing

your screen and now we will explore more about the blocks section

Blocks sections will lists the components for you on the left hand side..

Lets select the button component and see what kind of blocks are available here...



When button is clicked , we want to do something...

.

To store the messages , we will make use of memory containers where we can store anything and these are the named memory spaces, we call them

as variables...

Lets go to the variables section and try to initialize them...

Since we want to store 5 messages

Lets drag and drop them 5 times..

Or there is a facility to duplicate any code block...

Now after adding it , we would like to set their value according to the input box contents. Which in turn are displayed as labels.....

Lets set the value according to the labels

As soon as we add a new message , the new message will be displayed as label 1 and then we want to shift the label 1's content to label 2's content to label3 and so on..and finally we will drop the content of the last label..

Lets do that...

And at last we want to finally show all the updated label values ...can you do that last parti will guide you through it...

Great please share the screen...

Search in the variable section ,

When there is a change in the variable value , then we want to update the label's text...

You can duplicate it and same way you have to update the value for the rest of labels....

Can you do it ??

That's perfect....

Project Completion..

Congratulations on completing your first project.

Did you like the project you made?

Great

Do you have any doubts about the project ?

You know

You completed the project in just 20 minutes, not everyone can do that. So Very well done.

What if we share this achievement of yours with your parents??

Is anybody around you..??

Please request them to join us

. Ask the student to call the parents on the screen.

Hello ma'am/sir, How are you today?

My name is *Diksha* I am from Brightchamps and I was the coding educator for *<Bhupi>* for this session.

Hey <bhupi>* Can you please show the project to your parents? They will be very proud seeing your new achievement

Mam/sir I must say <bhupi> is good into grasping the things very quickly and his/her work is quite appreciating.

May I know How did you come across Brightchamps?

What are you expecting out of this course?

<Parent ans>

Sounds good....

Let me tell you that you have taken a right step forward..

It's great to see you being so aware of the present need of coding in learning. As We all are surrounded by technology/coding everywhere.

Learning Coding will definitely make <Bhupi> to stand way ahead of his/her peers. Because his/her logical thinking , problem solving approach will improve day by day and this is the right age to get started with coding.

We give him/her hands on experience as you must have seen in today's class... and they are going to drive the classes which makes them a good leader..

Mam/Sir,

if you have any questions regarding BrightChamps, our courses, curriculum, what kind of technologies we teach,

Also if you want to know about the enrollment process and fees structure as well, I can call an academic counsellor on the screen if you permit????

.

Shall I invite them here?

<Introduction about the parent>

Hi (Rahul) Thank you for joining us

. We have (Mrs .Anju) with us today who is the parent of Bhupi) ,,

Let me tell you that Bhupi is currently studying in (6th GRADE).

And We have just completed the (Chat App ACTIVITY) on (Thunkable) .

and it was a great class, I am happy to let you know Bhupi is a smart kid and completed the activity really quickly and he/she has good understanding of the subject matter.... Mrs Anju) is keen to know more

about our program and fee structure. I request you to kindly guide him/her with the enrolment process with us.

(Introduce AC to the parent >

Mrs. Anju), Let me introduce you to (Mr.Rahul), he is a Senior Academic Counsellor with us who will guide you further giving the enrolment details and ensuring all your concerns are taken care so that you can decide accordingly.

I thank you for giving your valuable time, ,
Also I assure you to have the best learning experience and
I am looking forward to see Bhupi in my upcoming classes so that we can continue this beautiful journey of learning together.....

I will take your leave now and over to you Rahul

Bye Take care