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?

<mark><Student answers></mark>

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?

<mark><yes></mark>

As you know we humans speak many languages just like that we have different programming languages with which we can communicate with a computer…

In this session , we are going to explore about a famous computer language called "Python", its very easy to learn and it comes with many predefines libraries and functionalities which makes python a perfect choice…

And we will create one interesting project using it ..
Are you ready to learn..
So lets get started ….
First we should be aware about an online editor used to run a python code so that computer can get the commands and act accordingly…

This is called online GDB editor which is used to run many languages including python…from the top right corner , you should select your programming language first …
And on the top left corner , we have an option called run, to see the result of your code…

As this is your first class , so lets create a program where we have to generate a number randomly then we will ask user to guess it , if the user guess it correctly , we will stop the program , else we keep on asking for the random number from the user…

I hope the idea is clear to you …

If its clear so lets get started with importing a famous library called random which gives us facility to generate a random number within a range …

So we will create a variable and assign a randome interger number to it….
Randint(start,stop) is used to generate a randome interger number within the mentioned range….

We require a variable to hold the user answer now…
So we will create a variable guess and we will ask to input ay number using input function…
Here we should understand that the input function generally takes the answer as a string , so to convert user input to interger , we have to explicity type cast it using int () function…

NNow its time to repeat some tasks forever..
For that we will be using a while loop..
We use loops to repeat a specific task until a given condition is fulfilled….

So we want computer to keep asking for the input until input matches with the random number generated..

We have to give hints acoordinly , if the input number is less than the randome number , then we should print ==number is less== and if the input number is greater then we should print that the guess is more than the answer…
And in case it matches with the answer, we will display that the guess is correct… that time we should come out of loop using break statement …

Do you want to give it a try …
I will be guiding you through it…
Are you ready …
Please share your screen then……..

```
import random
n = random.randint(1, 99)
guess = int(input("Enter an integer from 1 to 99: "))
while n != "guess":

    if guess < n:
        print("guess is low")
        guess = int(input("Enter an integer from 1 to 99: "))
    elif guess > n:
        print ("guess is high")
        guess = int(input("Enter an integer from 1 to 99: "))
    else:
        print ("you guessed it!")
        break
```

<Guide the student and complete the student activity>

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

. <mark>Ask the student to call the parents on the screen.</mark>

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

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

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

Mam/sir I must say <mark><bhupi></mark> 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?

<mark><Parent ans></mark>
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 <mark><Bhupi></mark> 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?

<mark><Introduction about the parent></mark>

Hi (<mark>Rahul</mark>) Thank you for joining us
. We have (Mrs .Anju) with us today who is the parent of <mark>Bhupi)</mark> ,,,

Let me tell you that <mark>Bhupi</mark> is currently studying in (8th GRADE).
And We have just completed the (A number guessing game) on (Online GDB Debugger platform using python language.) .
and it was a great class, I am happy to let you know <mark>Bhupi</mark> is a smart kid and completed the activity really quickly and he/she has good understanding of the subject matter…. <mark>Mrs Anju</mark>) 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