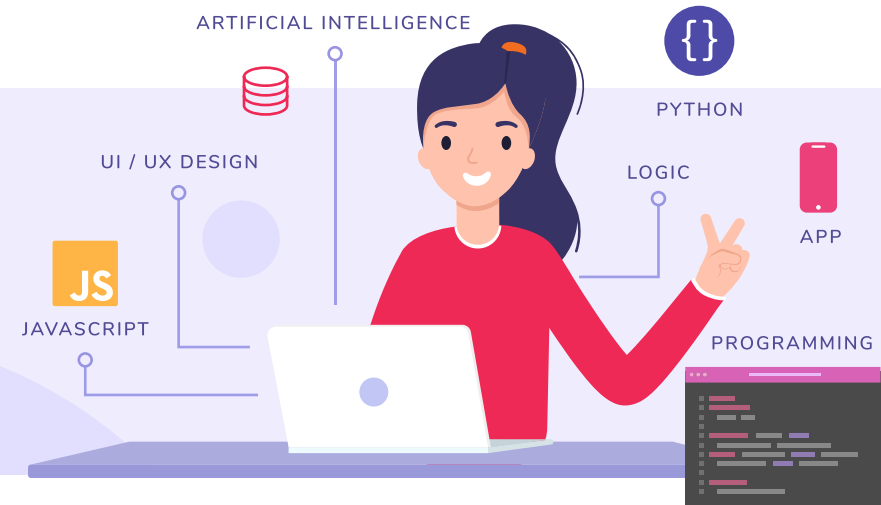


OUR PHILOSOPHY

CREATING FUTURE TECH LEADERS

With cutting edge courses to make your child future ready.



Today, children are growing up as first citizens of the digital world. We want to help parents ensure that their child's relation to technology is not just that of a passive tech consumer. We are not happy with them just being a tech creator either – We want the children to be **Future Tech Leaders!**

Leaders are about Excellence and Independence. Hence, we obsess about building **Independent Coding Confidence** in every single child. That means their learning is not dependent on the teacher, only facilitated by it.

Every project they do – they are measured not just on the output but on their confidence & ability to make it entirely on their own. As ambitious as it sounds, without it we feel we haven't done our job. There is no point copying code or making impressive projects with 90% contribution by the teacher and passing it off as student's project.

Apart from having computer science alums from IIT & CMU as curriculum heads, PurpleTutor is the only platform that:

- Mandates every teacher to have a formal Computer Science degree.
- Has inhouse teacher training, PurpleTutor Academy, where teachers are trained to let the students Lead the curriculum journey as per their creative ideas, ability and interest.
- Ensures each child develops Independent Coding Confidence, and go from being a Coder -> PurpleCoder!



LEARNER

9 SESSIONS

What Will Your Child Learn?

Basic data types, Conditionals, Loops, Typecasting, Functions and Variables in Python

What Will Your Child Do?

Write code in Python to create projects by applying the basic programming concepts.



Benefits

- 2 class projects
- 1 detailed assessment report

ENTREPRENEUR

40 SESSIONS

What Will Your Child Learn?

LEARNER + Data Structures in Python

What Will Your Child Do?

Write code in Python to create and manipulate data in lists, strings, dictionaries, tuples, stacks and queues. Sort and search elements in these data structures.



Benefits

- 5 class projects
- 2 detailed assessment reports
- Certificate of ' Core Python Programming'

MAKER

100 SESSIONS

What Will Your Child Learn?

ENTREPRENEUR + Python Libraries, File Handling, Data Science Basics, Introduction To AI

What Will Your Child Do?

Use python packages and libraries, manipulate and access text and binary files, apply statistics module functions on data. organize and manipulate data in arrays, series and data frames using NumPy. use the Matplotlib library to represent data.



Benefits

- 10 class projects
- 3 detailed assessment reports
- Certificate of ' Core Python Programming', Introduction to Data Science using Python, Introduction to AI.

STUDENTS' PROJECTS

PurpleTutor's project based learning boosts student's creative thinking, logical thinking and problem solving skills.

```

1 def chk_luckycoin():
2     luckycoin = int(input("my lucky number is: "))
3
4     if luckycoin in range(3,15):
5         return True
6     else :
7         return False
8
9     result = chk_luckycoin()
10    print(result)
11

```

my lucky number is: 9
True

Concepts

Conditionals and Functions

```

#Initially the stack size is 0 i.e., length of the list is 0.
def createEmptyStack():
    stack = []
    return stack
# Function to add/push an item to stack. It increases size by 1
def push(stack, item, maxsize):
    if(isStackFull(stack, maxsize)):
        print("overflow occurs")
    else:
        stack.append(item)
        print(item, " pushed to stack ")
#check for overflow
def isStackFull(stack, maxsize):
    return len(stack) == maxsize

maxsize = 3
stack = createEmptyStack()
push(stack, 10, maxsize)
print(stack)

```

10 pushed to stack
[10]

Concepts

Functions and Stacks

```

1 # Creating a bubble sort function
2 def bubble_sort(lst):
3     # Outer loop for traverse the entire list
4     for i in range(len(lst)-1):
5
6         for j in range(len(lst)-1):
7
8             if(lst[j]>lst[j+1]):
9                 temp = lst[j]
10                lst[j] = lst[j+1]
11                lst[j+1] = temp
12    return lst
13
14 lst = [52, 35, 91, 31, 56]
15 print("List before sorting is : ", lst)
16 # Calling the bubble sort function
17 print("List after sorting is : ", bubble_sort(lst))
18

```

List before sorting is : [52, 35, 91, 31, 56]
List after sorting is : [31, 35, 52, 56, 91]

Concepts

Lists,Loops and Sorting

PARENT TESTIMONIALS



Click on the image to watch video

I'd like to thank PurpleTutor for having onboard Miss Varsha. I appreciate the efforts she's giving and the attention she's giving for my daughter. Miss Varsha, thank you a lot!

Fady Sayah, Mia's father, Lebanon



Click on the image to watch video

Among the three extra curricular classes Aman has signed up for, PurpleTutor is the one he enjoys the most. He seems to be doing the coding projects on his own all the time, while I constantly need to chase him for the other two!

Ashutosh Wakankar, Aman's father, USA



Click on the image to watch video

Ahana keeps telling me that she gets so much space for creativity with PurpleTutor. She is really excited about her classes, and I love how PurpleTutor is so service oriented and friendly!

Vipula Gandhi, Ahana's mother, USA