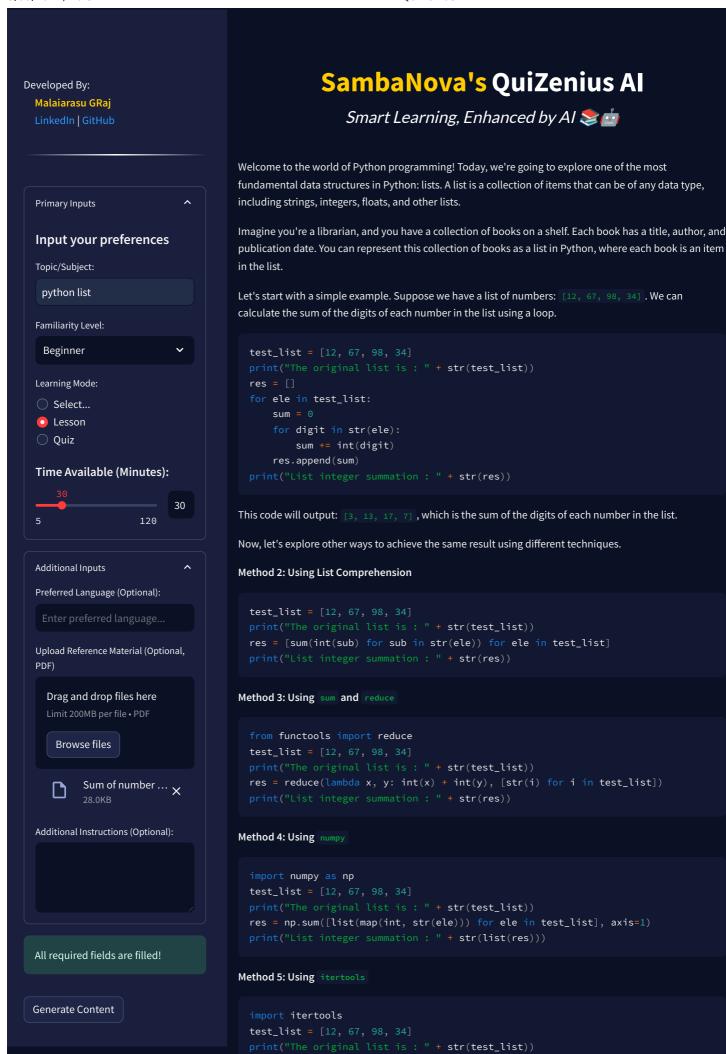
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```
res = sum(map(int, list(itertools.chain(*[str(ele) for ele in test_list]))))
print("List integer summation : " + str(res))
```

Now, let's create a function that takes a list of numbers as input and returns the sum of the digits of each number in the list.

```
def sum_of_digits(lst):
    return [sum(int(digit) for digit in str(num)) for num in lst]
print(sum_of_digits([12, 67, 98, 34]))
```

This will output: [3, 13, 17, 7].

Hands-on Practice

- 1. Create a list of numbers and calculate the sum of the digits of each number in the list using a loop.
- 2. Use list comprehension to achieve the same result.

Free Online Courses

- 1. Python for Everybody by Charles Severance (Coursera)
- 2. Python Data Structures by Charles Severance (Coursera)
- 3. Python Crash Course by Eric Matthes (Udemy)

YouTube Lectures

- 1. **Python Lists** by Corey Schafer (YouTube)
- 2. **Python List Comprehensions** by Corey Schafer (YouTube)

I hope this helps you understand the basics of Python lists and how to calculate the sum of the digits of each number in a list using different techniques. Happy coding!

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