

During the first week of schedule, I focused on the fundamentals of Python programming and basic problem-solving techniques. It helped me strengthen my foundation and make me confident in writing efficient code.

I learned about Python simple syntax, and to declare variables and used data types such as integers, floats, strings and boolean. I also used operators and performed arithmetic operations.

I also used if-else statement to control the flow of the program. I also practiced for loops and while loops to repeat tasks. The for loops are ideal and the number of iterations are known and the while loops are useful when the condition is dynamic. I learned to organise the code into functions using def keyword. Functions helped me write reusable blocks of code, take input through parameter, and return output values.

I solved beginner level problems like Fizz buzz, palindrome, maximum element in a list, counting vowels in a string, checking even or odd. It improved my logical thinking.

I practiced manually tracing execution step by step to find mistakes and also used print statements to debug programs and understand variables values at each stage.