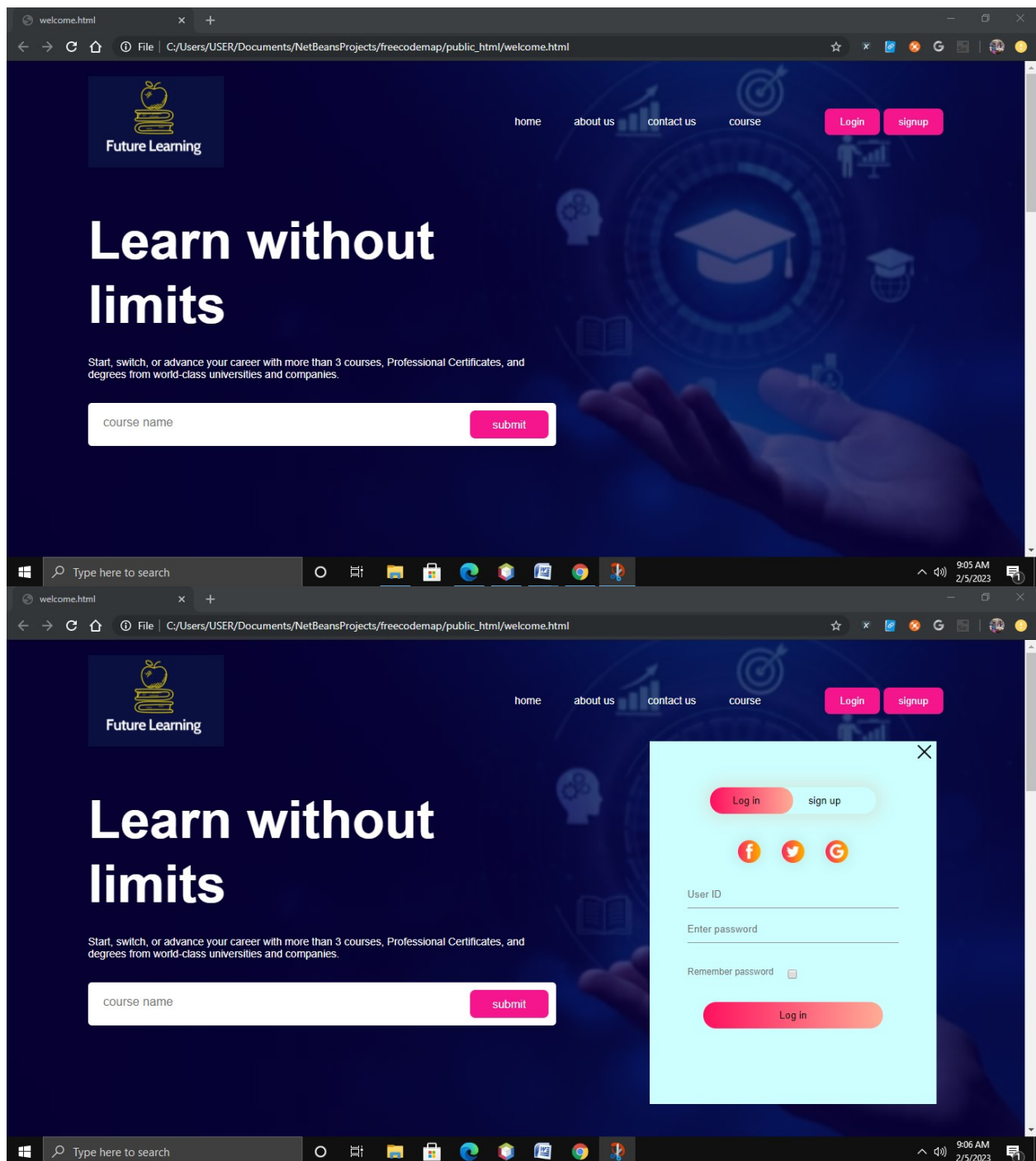
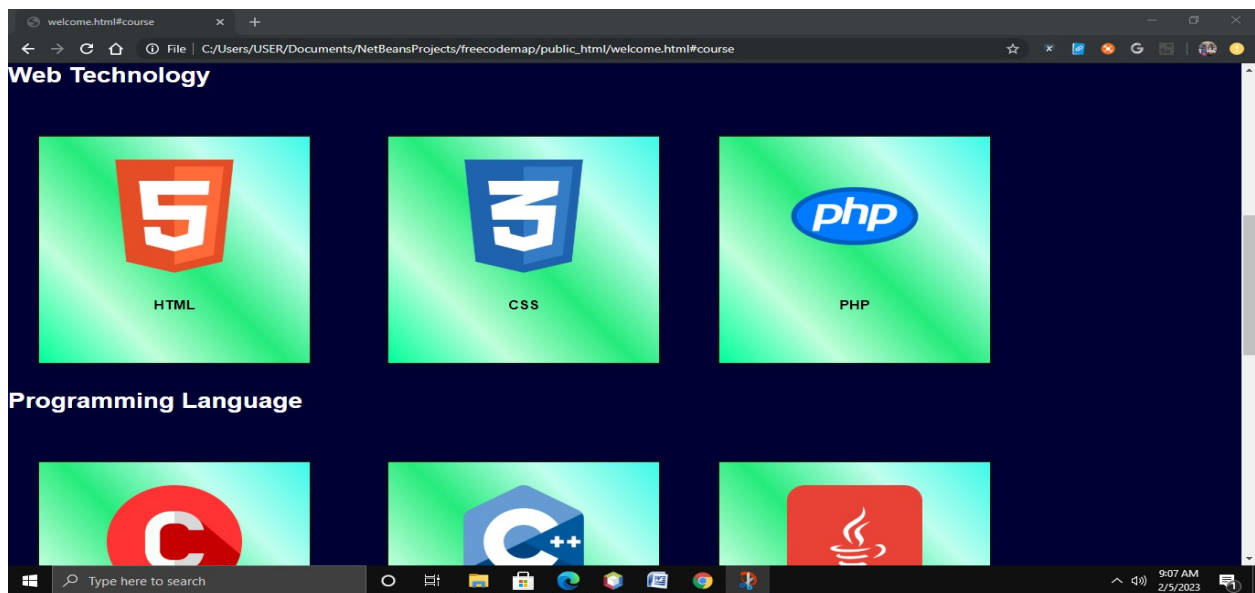
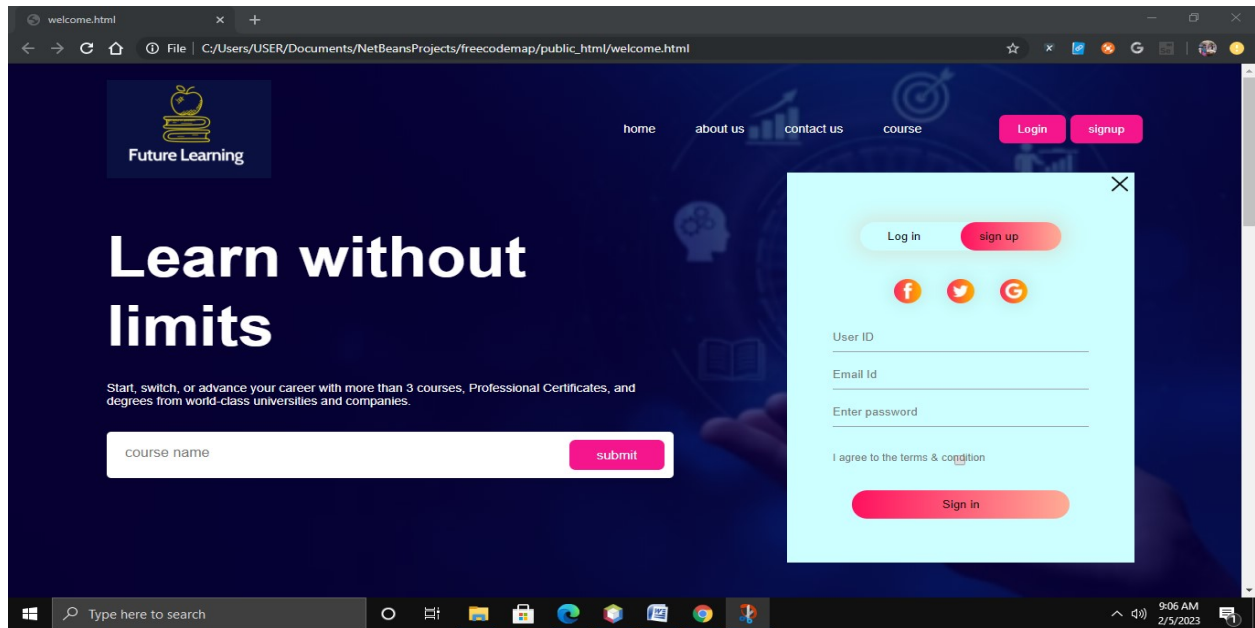


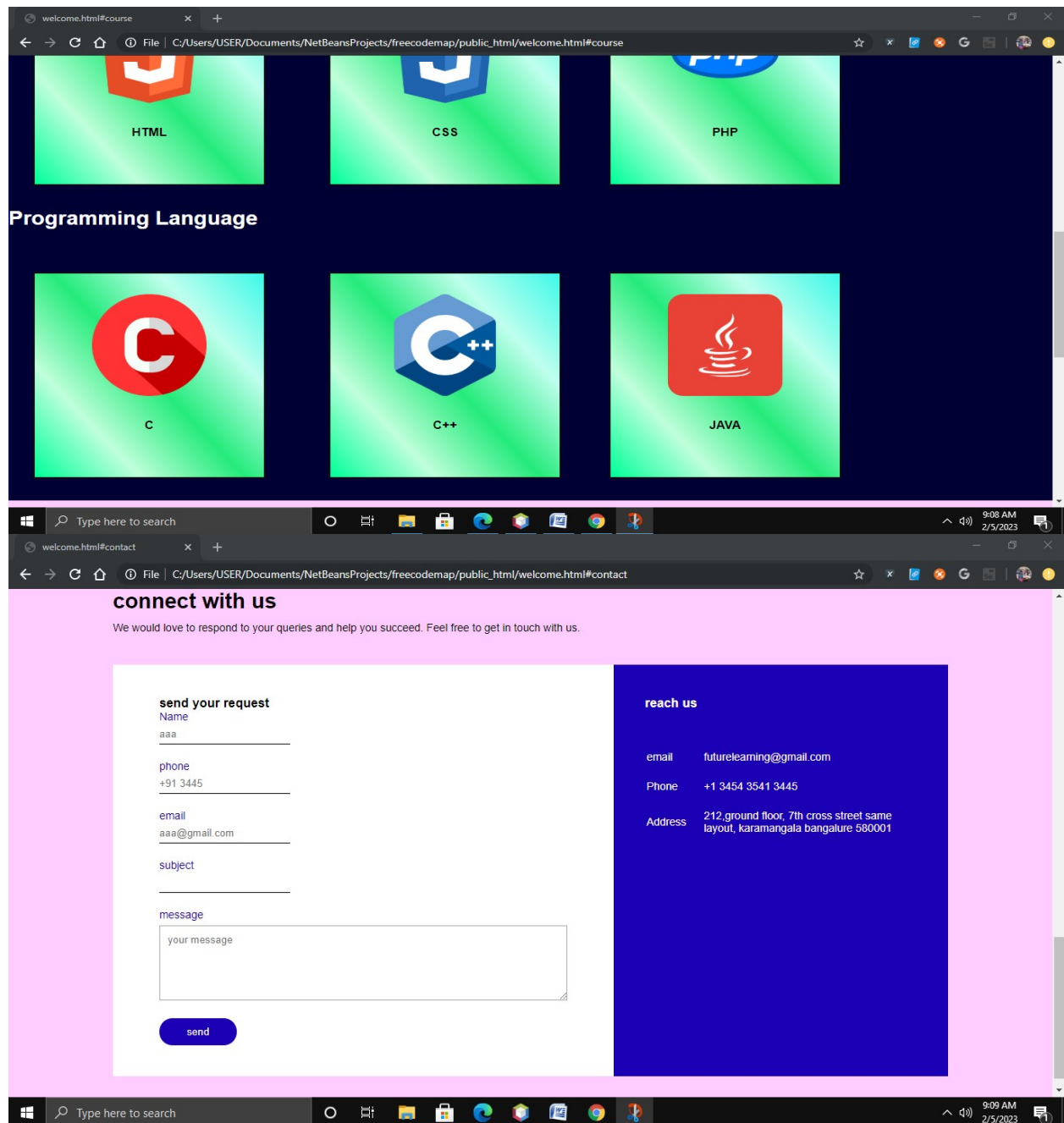
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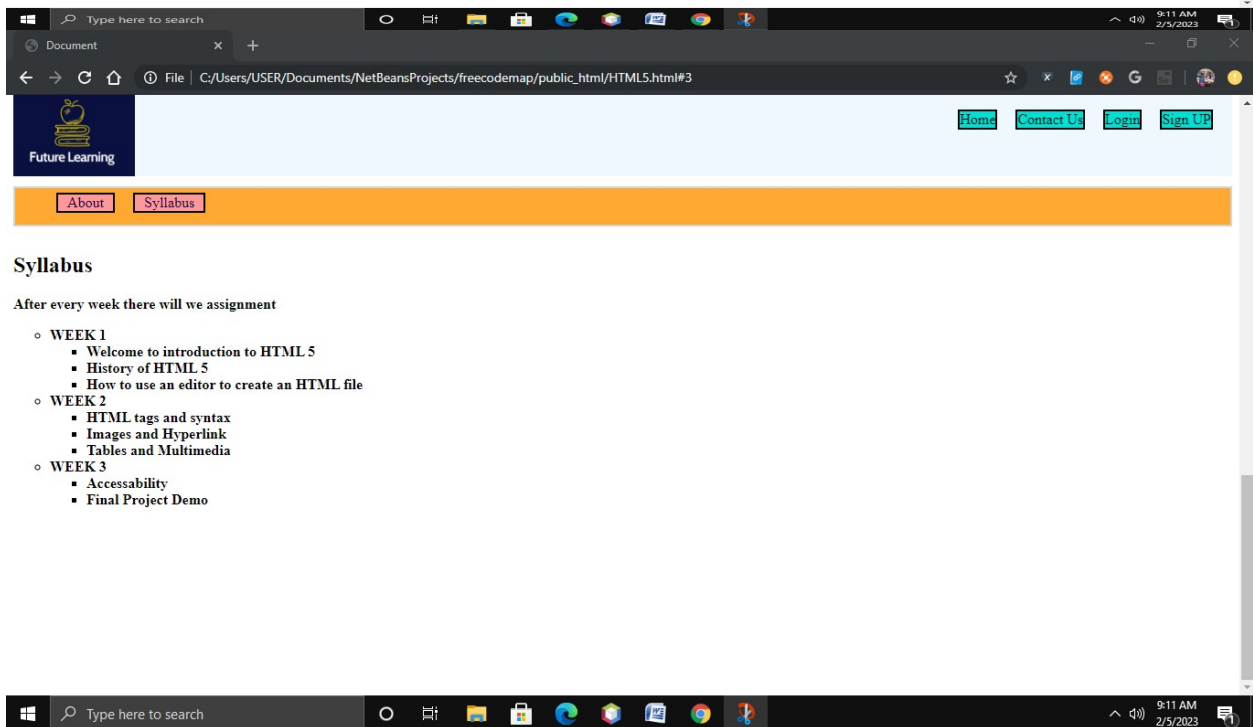
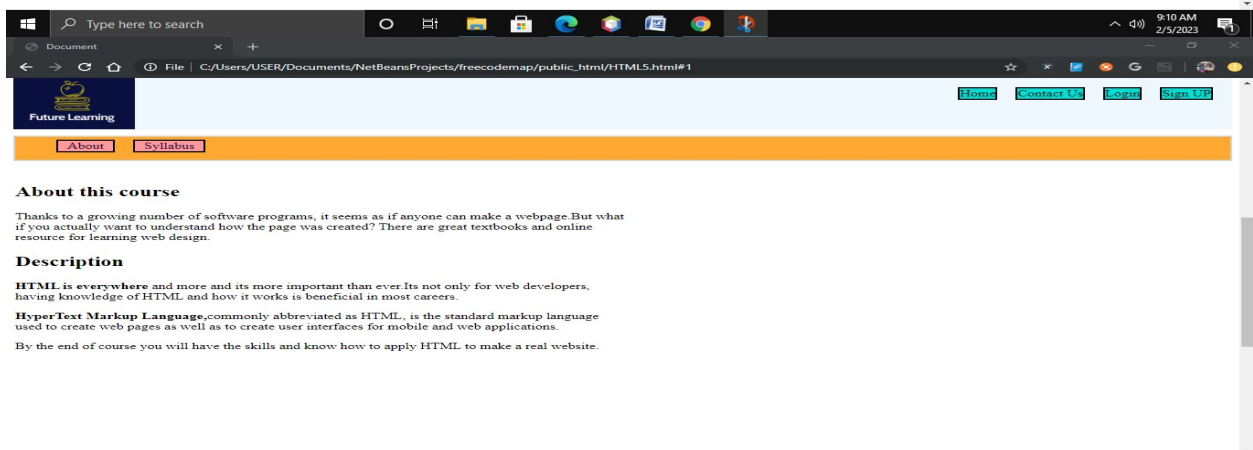
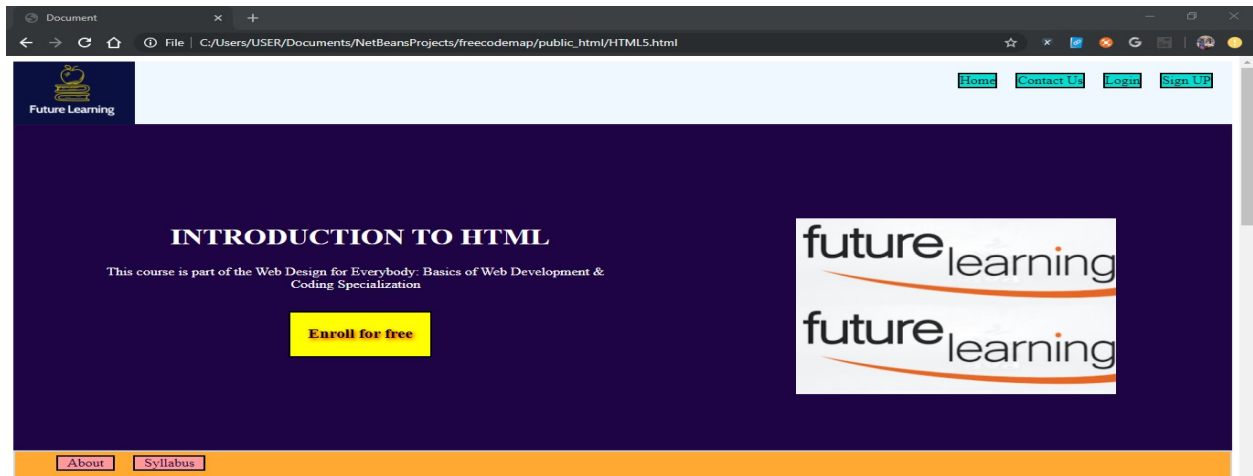
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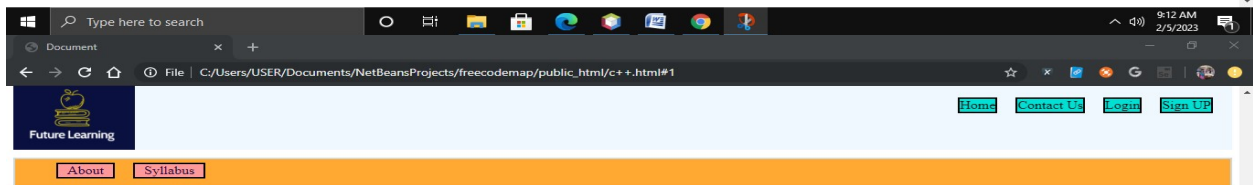
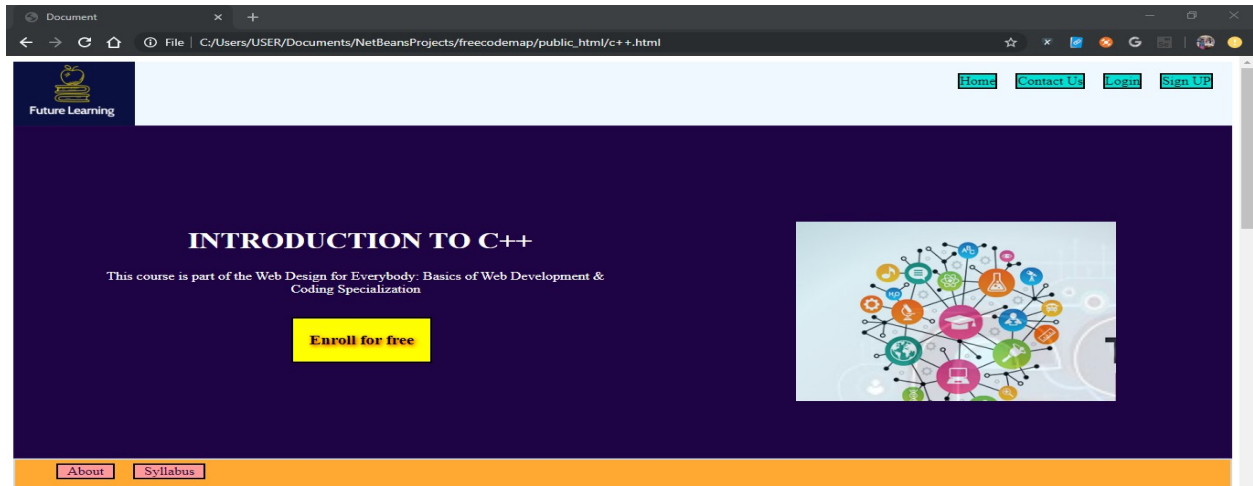
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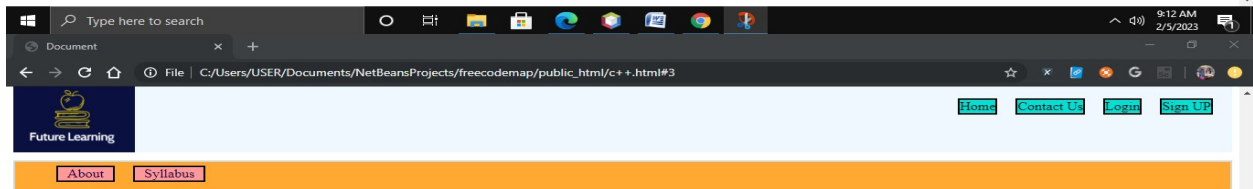
About this course

With its adaptability and fast rendering, you'll find the C++ programming language used everywhere, from web browsers to game development and operating systems to science and machine learning tools. This course will help you learn C++ basics and give you hands-on experience to create your own projects and work with computer memory.

Description

C++ is a programming language created by Bjarne Stroustrup and his team at Bell Laboratories in 1979. Forty years later, it is one of the most widely used languages in the world; we can find C++ applications everywhere, from the bottom of the oceans to the surface of Mars. As the name implies, C++ was derived from the C language; Bjarne's goal was to add object-oriented programming into C, a language well-respected for its portability and low-level functionality. So why learn C++? Among many other things:

- It is fast and flexible.
- It is well-supported.
- It forces you to think in new and creative ways.

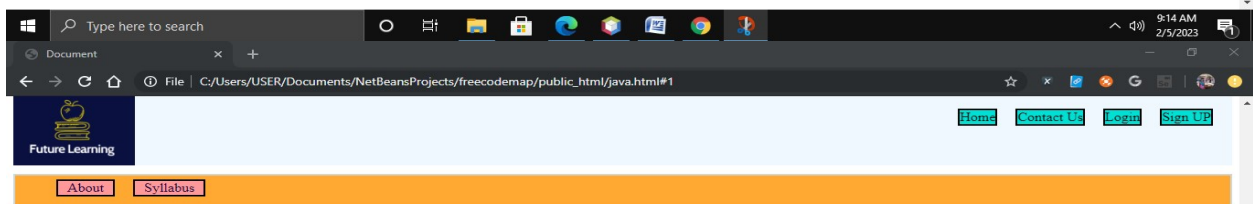
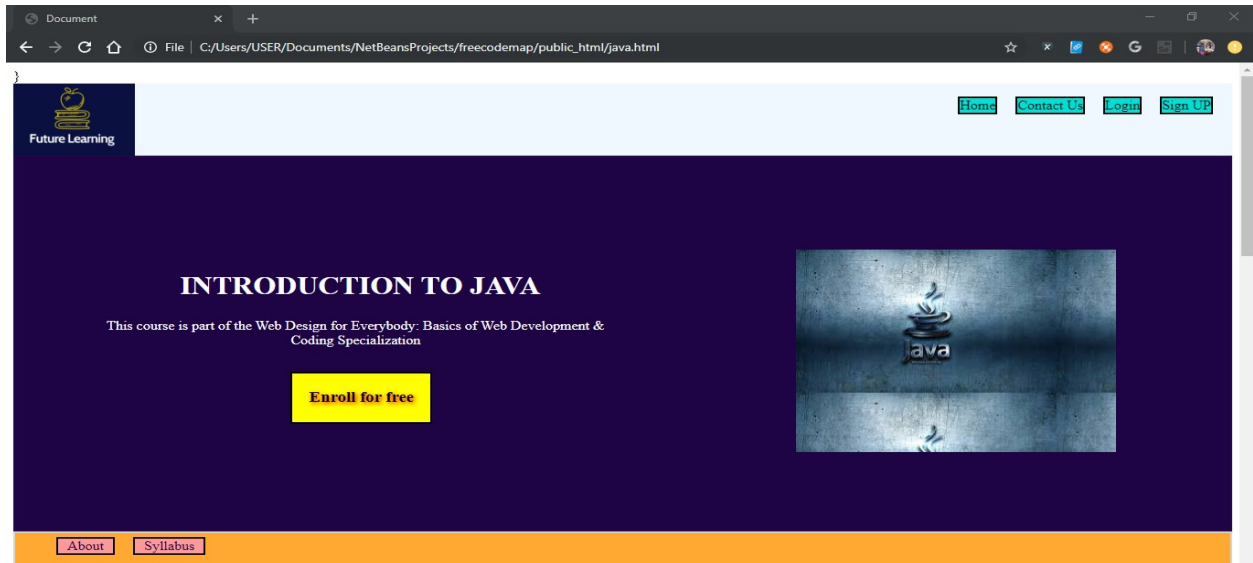


Syllabus

After every week there will be assignment

- WEEK 1
 - Welcome to introduction to C++
 - History of C++
 - Principles of Object Oriented Programming, Beginning with C++
- WEEK 2
 - Classes and Objects
 - Constructors and Destructors
 - Inheritance
- WEEK 3
 - Pointers, Virtual Functions and Polymorphism, Working with Files
 - project demo





About this course

The Java course provides all the fundamental programming skills to students that are needed in the software engineering field. The techniques taught in this course help students to test and debug programs. Also, it enables students to design algorithms for different programs.

Description

Java is a programming language and a platform. Java is a high level, robust, object-oriented and secure programming language. Java was developed by Sun Microsystems (which is now the subsidiary of Oracle) in the year 1995. James Gosling is known as the father of Java. Before Java, its name was Oak. Since Oak was already a registered company, so James Gosling and his team changed the name from Oak to Java. Platform: Any hardware or software environment in which a program runs, is known as a platform. Since Java has a runtime environment (JRE) and API, it is called a platform.

