36 Lecture - CS304

Important Subjective

1. **What is the difference between regular member function templates and member function templates revisited?**
   Answer: Member function templates revisited use template argument deduction, whereas regular member function templates require explicit template arguments to be provided.

   How does template argument deduction work in member templates revisited?
   Answer: Template argument deduction infers the template arguments from the function arguments.

   What is the syntax for using member templates revisited?
   Answer: template<typename T> auto Class<T>::func(args...)

   What is the purpose of using member templates revisited?
   Answer: To simplify the syntax of member function templates and reduce code duplication.

   Can member templates revisited be used with non-static member functions?
   Answer: Yes, they can be used with non-static member functions.

   How does member templates revisited improve code readability?
   Answer: It reduces the amount of code required and makes it easier to understand the function's purpose.

   Can member templates revisited be specialized for specific data types?
   Answer: Yes, they can be specialized.

   How does member templates revisited improve code adaptability?
   Answer: It makes it easier to modify the code for different data types and use cases.

   What is the advantage of using member templates revisited over regular member function templates?
   Answer: It reduces the amount of code required and makes the code more concise and readable.

   How does member templates revisited improve code reusability?
   Answer: It allows the same function to be used with different data types, making the code more versatile and reusable.