Jonathon Harris Tree Class (Tree Node) CS202 Project 4/5 - Topic: String - Name: String 11-20-20 - Description: String - Description: String - Comments: String - Course_id: String - View-count: int - Playlist: reference Tree has a class ---> - Root: Class - Left_ptr : Class - Right_ptr: Class +Add_Class(Class): boolean + Publish(String): bool +Remove_Class(String): boolean + Input(String):bool + Upload (Media): bool +display_Class(String): void +display_all(): int - get_left(void): Class +Retrieve_Class(Class): - get_right(void): Class +Find_Class(string): Class - set_left(Class): void - set_right(Class): void class has a playlist Media (ABC) + Topic: String Playlist (array) + Description: String + Comments: String - Name: String + View-count: int - Description: String - Sequence: int - Node * head + Media(const Media &) + add_media : boolean + Publish(String): bool+ Pub + remove_media: boolean + Upload (Media): bool + remove_all : int +display: void+display_all: int Video is a media Video Documents is a media + Title: String Playlist has a Node head pointer + Duration : float +Add(String): int +Edit(String): void **Documents** Node - Media : reference + Questions: String - Node next : reference Quiz is a video +Add(String): int +Edit(String): bool Quiz + Questions: String - get_next: void - get_media: void +Add(String): int - set_next: Node +Remove(String): int+Edit(S - set_media: Node