Anytime Astar Implementation

The Hvalue Calculate Function Definition:

//End of CalculateHvalue Function

Entering the Class ctr\_manager:

//End of the declaration and definition of the class

Entering the Astar Function:

Check(Root); //before the start and end of any function/loop we check for the elapsed time using this function

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

//End of the declaration and definition of the Astar function

Entering the ExpandNode function:

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

//End of the declaration and definition of the ExpandNode function

Entering the UpdateGvalueandParent function:

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

//End of the declaration and definition of the UpdateGvalueAndParent function

Entering the initialize function:

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

Check(Root); //before the start and end of any function/loop we call this function to check for the elapsed time

////End of the declaration and definition of the UpdateGvalueAndParent function

Entering the Check(Node) Function:

////End of the declaration and definition of the Check(Node) function

Entering the PrintPath function: