**PLEASE TAKE A NOTE OF FOLLOWING INSTRUCTIONS**

* *Do* ***not*** *enter any unnecessary blank spaces in your code.*
* *Current version of the program does not supports for* ***loop, do while loop, switch case****.*
* *Code must* ***not*** *be* ***indented****.*
* *You can give a comment in a new line.*
* *You can also give comment in the end of a line. NOTE: give one blank space after* ***semi-colon*** *(;)*
* *Current version of program does not support* ***multi-line*** *comments (/\* …….. \*/)*
* *Use proper C++ symbols and syntax*
* *Only provide a function. The program will provide entire LaTeX document.*
* *You must use curly-braces “****{ }*** *“after* ***if****,* ***else******if****,* ***else****,* ***while****,* ***function*** *name.*
* *The opening curly-brace must be at the end of line and the ending curly-brace must be on a new line.*
* *Supported keywords* ***if****,* ***else******if****,* ***else****,* ***while****,* ***return****.*

**THERE ARE A FEW SAMPLE CODES ON NEXT PAGES**

PLEASE REFER TO BELOW SAMPLE CODES AND WRITE YOUR CODE ACCORDINGLY. YOU CAN VISIT OUT GIT HUB REPOSITORY FOR MORE INFORMATION.

**1.**

void level\_order\_traversal(Node root, int n, string s){

if(root==NULL){

return;

}

queue<Node> nodeQueue;//queue of nodes

enqueue(nodeQueue, root);

while(!nodeQueue.empty()){

node = nodeQueue.front();

cout<<d[node]; //data = d. parent = NULLL

dequeue(nodeQueue);

if(l[node] != NULL){

enqueue(nodeQueue, l[node]);

}

if(r[node] != NULL){

enqueue(nodeQueue, r[node]);

}

cout<<a;

}

}

**2.**

int solve(){ //this is the start of the function

int n; //length of array

string s;

//Comment in New Line

cin>>n>>s; //this is multiple input

int a[n];

int i = 0

while(i < n){ //this is a While loop

cin>>a[i];

i++;

} //While Loop Ends Here

sort(a+1, a+n); //This is a Statement

int j=1;

while(j!=n){

if(a[i] > a[0]){ //this is an If Statement

a[0] += ((a[i]-a[0] + 1)/2);

cout<< a[0] << "\n"; //This is a Print Message

}

}

if(s=="first"){

return a[0]; //this is a return statement

}else if(s=="last"){ //This is an Else-If Statement

return a[n-1];

}else{ //This is an Else Statement

return a[n/2];

}

}