**TASK-05**

Ocean Level

**EXPLANATION:**

Assuming the oceans level is currently rising at about 1.5 millimeters per year, write a program that display a table showing number of millimeters that the ocean will have risen each year for the next 25 years. Assuming the starting year is 2018.

**INPUT:**

#include <iostream>

#include <windows.h>

#include <stdlib.h>

#include <conio.h>

using namespace std ;

void cin\_clear ()

{

cout << "No character or a negative value !" ;

Sleep (2000) ;

system("CLS") ;

cin.clear () ;

cin.ignore ( INT\_MAX , '\n' ) ;

}

int continuationLoop ()

{

bool check = true , flag = true ;

char option ;

while ( check )

{

system("CLS") ;

cout << "Do you want to continue (y/n) : " ;

option = getch() ;

if ( option == 'y' )

{

system ("CLS") ;

return 1 ;

}

else if ( option == 'n' )

{

return 0 ;

}

}

}

int main ()

{

bool flag = true ;

while (flag)

{

float level = 1.5 , x ;

int a = 18 ;

char option ;

bool check = true ;

cout << "Please enter current ocean level : " ;

while ( ! ( cin >> x ) || x < 1 )

{

cin\_clear() ;

cout << "Please enter current ocean level : " ;

}

system ("CLS") ;

for (int i = 1 ; i <= 25 ; i++ )

{

cout << "The ocean level in 20" << a++ ;

cout << " is " <<(float) x << endl ;

x = level + x ;

Sleep (500) ;

}

system ("PAUSE") ;

flag = continuationLoop() ;

}

return 0 ;

}

**OUTPUT:**





