TASK 1 OF LABA 13  
  
#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int main(void)

{

setlocale(LC\_ALL, "Rus");

int n;

cin >> n;

int\* mass = new int[n];

for (int i = 0; i < n; i++) {

mass[i] = (i \* 2) + 1;

cout << mass[i] << " ";

}

return 0;

}

TASK 2 OF LABA 13

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int main(void)

{

setlocale(LC\_ALL, "Rus");

int n, A, D;

cin >> n;

cin >> A;

cin >> D;

if (n > 1) {

int\* mass = new int[n];

for (int s = 0; s < n; s++ )

{

mass[A] = A \* D;

D = D \* D;

cout << mass[A] << " ";

}

}

else {}

return 0;

}

TASK 3 OF LABA 13

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Rus");

int N, A, B, S;

cin >> N >> A >> B;

if (N > 2)

{

int\* mass = new int[N];

mass[0] = A;

mass[1] = B;

S = A + B;

cout << mass[0] << " " << mass[1] << " " << S;

for (int s = 0; s < N; s++)

{

mass[s] = S;

S = S + mass[s];

cout << " " << S ;

}

}

else {}

}

TASK 4 OF LABA 13

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Rus");

int N, A, B, S;

cin >> N >> A;

int\* mass = new int[N];

S = 1;

for (int s = 0,B=0; s < N; s++)

{

mass[s] = A \* S;

S++;

mass[B] = A \* N;

N--;

B++;

cout << mass[s] << " ";

cout << mass[B] << " ";

} cout << endl;

}  
  
TASK 5 OF LABA 13

#include <math.h>

#include <iostream>

#include <stdio.h>

#include <stdlib.h>

#include <sstream>

#include <iomanip>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Rus");

int N, A, B, S;

cin >> N ;

int\* mass = new int[N];

for (int s = 0; s < N; s=s+2)

{

mass[s] = s + 2;

cout << mass[s] << " ";

} cout << endl;

for (int n = 0; n < N; n=n+1)

{

mass[n] = n + 1;

if (mass[n] % 2 != 0)

{

cout << mass[n] << " ";

}

} cout << endl;

}