Student: Amir Yakubov.

Group: IA-2002.

Assignment: Week 8.

Problem 801.

#include <iostream> //library

using namespace std;

unsigned int wow(unsigned int\* jap,unsigned int\* rio) { //start function and initialization

unsigned int ber = \*jap; //initialization

\*jap = \*rio; //swap

\*rio = ber; //swap

cout << \*jap << " " << \*rio; //output

return 0; //return function

}

int main() { //start main function

unsigned int jap, rio; //variables initialization

cin >> jap >> rio; //input

wow(&jap, &rio); //output

}

Problem 802.

#include <iostream> //library

using namespace std;

int main() { //start main function

int jap; //variable initialization

cin >> jap; //input

int\* rio = new int[jap]; //variable initialization

for (int\* z = rio; z != rio + jap; z++) //loop

cin >> \*z; //input

for (int i = 0; i < jap; i++) //loop

cout << rio[i] << " "; //output

}

Problem 803.

#include <iostream> //library

#include <cstring> //library

using namespace std;

int countAccurrance(char\* array\_1, char\* q) { //start function

int z = strlen(array\_1); //variable initialization

int v = 0; //variable initialization

for (int i = 0; i < z; i++) { //loop

if (array\_1[i] == \*q) { //condition

v++; //if the condition is true, execute this command

}

}

return v; // return to this function

}

int main() { //start main function

int v; //variable initialization

char array\_1[100], q; //variables initialization

cin >> v; //input

for (int i = 0; i < v; i++) { //loop

cin >> q >> array\_1; //input

cout << countAccurrance(array\_1, &q) << " " << q << " in " << array\_1 << endl; //output

}

}

Problem 804.

#include <iostream> //library

#include <cctype> //library

#include <cstring> //library

using namespace std;

int wow(char\* rio) { //start function

for (int jap = 0; jap < strlen(rio); jap++) { //loop

if (isalpha(rio[jap])) { //condition

cout << \*((rio)+(jap)); //output

}

}

return 0; // return to 0

}

int main() { //start main function

char rio[100]; //variable initialization

cin >> rio; //input

wow(rio); //output

}

Problem 806.

#include <iostream> //library

using namespace std;

void wow(int\* rio, int\* jap) { //start function

for (int i = 0; i < \*rio; i++) { //loop

if (jap[i] % 2 == 0) { //condition

cout << \*(jap + i) << " "; //output

}

}

}

void zed(int\* rio, int\* jap) { //start function

for (int i = 0; i < \*rio; i++) { //loop

if (jap[i] % 2 != 0) { //condition

cout << \*(jap + i) << " "; //output

}

}

}

int main() { //start main function

int rio, jap[100]; //variables initialization

cin >> rio; //input

for (int i = 0; i < rio; i++) { //loop

cin >> jap[i]; //input

}

zed(&rio, jap); //output

wow(&rio, jap); //output

}

Problem 807.

#include <iostream> //library

using namespace std;

int wow(int\* jap, int\* rio) { //start function

int z = 0, v = 0; //variables initialization

for (int i = 0; i < \*jap; i++) { //loop

cin >> \*rio; //input

if (\*rio == 0) { //condition

z++; //if the condition is true, execute this command

}

else if (\*rio != 0 && z == 1) { //condition

v += \*rio; //if the condition is true, execute this command

}

}

return v; // return to this function

}

int main() { //start main function

int jap, rio; //variables initialization

cin >> jap; //input

cout << wow(&jap, &rio); //output

}