Sprawozdanie z laboratorium przedmiotu „Podstawy programowania"
Lista nr 2

Zadanie A

```cpp
#include <iostream>

using namespace std;

int main (int argc, char const *argv[])
{
        int n;
        cout << "n = ";
        cin >> n;
        while(n--) cout << "-";
        cout << endl;
        return 0;
}
```

Zadanie B

```cpp
#include <iostream>

using namespace std;

int main (int argc, char const *argv[])
{
        char c;
        int i=0,j=0;
        while(cin >> c){
                if(c >= 'A' && c <= 'Z') j++;
                if(c == 'k') break;
                i++;
                cout << c << endl;
        }

        cout << "Ilosc znakow: " << i << endl;
        cout << "Ilosc duzych: " << j << endl;
```

```cpp
        return 0;
}
```

Zadanie C

```cpp
#include <iostream>

using namespace std;

int main (int argc, char const *argv[])
{
        int a,i=1, max, min,sum;
        char c;

        cout << "Podaj liczbe: ";
        cin >> a;
        max = a;
        min = a;
        sum = a;

        while(1){
                cout << "Koniec?[T/N] ";
                cin >> c;
                if(c == 'T') break;

                cout << "Podaj liczbe: " << endl;
                cin >> a;

                if(a > max) max = a;
                if(a < min) min = a;
                sum += a;
        }

        cout << "srednia = " << (sum/i) << endl;
        cout << "max = " << max << endl;
        cout << "min = " << min << endl;
        return 0;
}
```

Zadanie D

```cpp
#include <iostream>
#include <math.h>
```

```cpp
using namespace std;

int main (int argc, char const *argv[])
{
        int x,n;
        float s=0;
        cout << "n = ";
        cin >> n;
        cout << "x = ";
        cin >> x;
        for(int i=0; i<n; i++) s += 1.0/pow(x,n);
        cout << "suma = " << s << endl;
        return 0;
}
```

Zadanie E

```cpp
#include <iostream>

using namespace std;

int main (int argc, char const *argv[])
{
        int n, i, j;
        cin >> n;

        for(i=0; i<n; i++){
          for(j=0; j<(n-i-1); j++) cout << " ";
          for(j=0; j<(2*i + 1); j++) cout << "*";
          cout << endl;
        }

        for(j=0; j<(n-1); j++) cout << " ";
        cout << "#" << endl;

        return 0;
}
```

Nie znalazłem problemów z wykonaniem powyższych zadań