

UKOL FILES 2

```
with open('C:\\Users\\341917\\Downloads\\test.txt', 'r') as file_in:
    with open('C:\\Users\\341917\\Downloads\\out.txt', 'w') as file_out:
        in_lines = file_in.readlines()
        # print(in_lines)
        for i in range(len(in_lines)):
            file_out.write(str(i) + in_lines[i])
```

UKOL FILES 3

```
coords = [[52.23, 21.04], [54.41, 18.65], [53.14, 23.21], [53.4, 14.5]]
cities = ['Warszawa', 'Gdansk', 'Bialystok', 'Szczecin']
```

```
with open('C:\\Users\\341917\\Downloads\\mesta.kml', 'w') as file:
    file.write('<kml><Document><name>my first point</name>')
    for a in range(len(cities)):
        file.write('<Placemark>')
        file.write('<name>' + cities[a] + '</name>')
        file.write('<Point><coordinates>' + str(coords[a][1]) + ', ' + str(coords[a][0]) +
'</coordinates></Point></Placemark>')

    file.write('</Document>\n</kml>')
```

HOMEWORK 2 - GeoJSON

```
coords = [[52.23, 21.04], [54.41, 18.65], [53.14, 23.21], [53.4, 14.5]]
cities = ['Warszawa', 'Gdansk', 'Bialystok', 'Szczecin']
```

```
with open('C:/Users/Adam/Desktop/phd/vyuka/Programovani/test1/poland.geojson', 'w') as
json:
```

```
    json.write('{ "type": "FeatureCollection",\n')
    json.write('"features": [\n')

    for ci in range(len(cities)):
        city = cities[ci]
        json.write('{ "type": "Feature",\n')
        json.write('"geometry": {"type": "Point", "coordinates": [')
        json.write(str(coords[ci][1]) + ', ' + str(coords[ci][0]))
        json.write(']},\n')
        json.write('"properties": {')
        json.write('"name": "' + cities[ci] + "',\n')
        json.write('}\n},\n')

    json.write(']')
```