

**САНКТ-ПЕТЕРБУРГСКИЙ НАЦИОНАЛЬНЫЙ  
ИССЛЕДОВАТЕЛЬСКИЙ УНИВЕРСИТЕТ ИТМО**

**Дисциплина:** Фронт-энд разработка

Отчет

Практическая 4

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## Задача: Работа с svg

### Ход работы

#### 1. home.html

```
<template>
  <div class="container">
    <header
      class="d-flex flex-wrap align-items-center justify-content-center justify-content-md-between py-3 mb-4"
    >
      <a
        href="/"
        class="d-flex align-items-center col-md-3 mb-2 mb-md-0 text-decoration-none"
      >
        
      </a>

      <ul class="nav col-12 col-md-auto mb-2 justify-content-center mb-md-0">
        <li>
          <router-link to="/" class="nav-link px-2 link-secondary"
            >Home</router-link>
        </li>
      </ul>
    </div>
  </template>
```

#### 2. sprite.svg

##### - Logo dark

```
1 <svg width="76" height="48" viewBox="0 0 76 48" fill="none" id="logo" xmlns="http://www.w3.org/2000/svg"
  xmlns:xlink="http://www.w3.org/1999/xlink">
2 <path d="M8.82 39.648C7.308 39.648 5.976 39.384 4.824 38.856C3.672 38.328 2.784 37.596 2.16 36.66C1.536 35.
  7 1.224 34.596 1.224 33.348C1.224 32.292 1.44 31.332 1.872 30.468C2.328 29.604 2.928 28.92 3.672 28.416C4.
  44 27.912 5.28 27.66 6.192 27.66C7.032 27.66 7.74 27.876 8.316 28.308C8.892 28.716 9.252 29.292 9.396 30.
  036C8.148 30.036 7.152 30.372 6.408 31.044C5.664 31.692 5.292 32.58 5.292 33.708C5.292 34.74 5.604 35.568 6.
  228 36.192C6.852 36.816 7.68 37.128 8.712 37.128C9.984 37.128 11.028 36.708 11.844 35.868C12.684 35.004 13.
  104 33.924 13.104 32.628C13.104 31.5 12.792 30.432 12.168 29.424C11.544 28.416 10.608 27.192 9.36 25.752C8.
  064 24.264 7.08 22.992 6.408 21.936C5.76 20.856 5.436 19.68 5.436 18.408C5.436 17.16 5.784 16.044 6.48 15.
  06C7.176 14.052 8.136 13.26 9.36 12.684C10.584 12.108 11.964 11.82 13.5 11.82C15.444 11.82 16.992 12.276 18.
  144 13.188C19.32 14.1 19.908 15.324 19.908 16.86C19.908 17.868 19.656 18.684 19.152 19.308C18.648 19.932 17.
  988 20.244 17.172 20.244C16.26 20.244 15.528 19.872 14.976 19.128C15.432 18.792 15.792 18.348 16.056 17.
  796C16.32 17.244 16.452 16.668 16.452 16.068C16.452 15.3 16.224 14.688 15.768 14.232C15.312 13.776 14.688
  13.548 13.896 13.548C12.936 13.548 12.144 13.896 11.52 14.592C10.92 15.264 10.62 16.128 10.62 17.184C10.62
  18.144 10.896 19.044 11.448 19.884C12 20.7 12.864 21.756 14.04 23.052C15 24.084 15.768 24.972 16.344 25.
  716C16.944 26.46 17.448 27.324 17.856 28.308C18.288 29.268 18.504 30.312 18.504 31.44C18.504 32.976 18.072
  34.368 17.208 35.616C16.368 36.864 15.204 37.848 13.716 38.568C12.252 39.288 10.62 39.648 8.82 39.648ZM24.
  0953 39.216C22.9433 39.216 22.0073 38.856 21.2873 38.136C20.5913 37.416 20.2432 36.336 20.2432 34.896C20.
  2432 34.296 20.3392 33.516 20.5312 32.556L22.6913 22.44H21.5033L21.7913 21H22.9793L24.0593 16.032L29.3873
  15.312L28.1633 21H30.3233L30.0352 22.44H27.8753L25.5713 33.24C25.4753 33.6 25.4273 33.984 25.4273 34.392C25.
```

##### - Logo light

```
1 <svg width="76" height="48" viewBox="0 0 76 48" fill="none" xmlns="http://www.w3.org/2000/svg" xmlns:xli
2 <rect x="35" width="18" height="19" fill="url(#pattern0)"/>
3 <path d="M8.82 39.648C7.308 39.648 5.976 39.384 4.824 38.856C3.672 38.328 2.784 37.596 2.16 36.66C1.536
4 <defs>
5 <pattern id="pattern0" patternContentUnits="objectBoundingBox" width="1" height="1">
6 <use xlink:href="#image0_8_26" transform="scale(0.0138889 0.0131579)"/>
7 </pattern>
8 <image id="image0_8_26" width="72" height="76" xlink:href="
9 </defs>
10 </svg>
11
```

#### 2. web home



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## Вывод

- вынести все используемые ранее svg-icon в общий sprite.svg.