## Код

```
DT = [
          DevelopmentTool(1, "Microsoft Visual Studio"),
DevelopmentTool(2, "NetBeans"),
DevelopmentTool(3, "PyCharm"),
           DevelopmentTool(4, "IntelliJ IDEA"),
DevelopmentTool(5, "Eclipse"),
        ProgramLanguage(1, "JavaScript", 1604219, 1),
ProgramLanguage(2, "C#", 229995, 1),
ProgramLanguage(3, "C++", 330259, 1),
ProgramLanguage(4, "C", 202295, 2),
ProgramLanguage(5, "Java", 763783, 2),
ProgramLanguage(6, "Python", 744045, 3),
ProgramLanguage(7, "CSS", 271782, 3),
ProgramLanguage(8, "Pubw", 740610, 3)
          ProgramLanguage(8, "Ruby", 740610, 3),
ProgramLanguage(9, "TypeScript", 55587, 3),
           ProgramLanguage (10, "PHP", 478153, 4),
```

```
PL_DT(3, 8),
PL_DT(3, 9),
PL_DT(4, 10),
PL_DT(4, 11),
           res1.append(i[0:3:2])
           res2 unsorted.append((d.name, int(d_users_count_average)))
```

# Результат

```
"D:\Ильягу\5 семестр\RK1\lab\Scripts\python.exe" "D:/Ильягу/5 семестр/RK1/RK1.py" Задание Д1
[('JavaScript', 'Microsoft Visual Studio'), ('TypeScript', 'PyCharm')]
```

## Задание Д2

[('Microsoft Visual Studio', 721491), ('NetBeans', 483039), ('PyCharm', 453006), ('IntelliJ IDEA', 299302)]

# Задание ДЗ

```
{'Microsoft Visual Studio': ['JavaScript', 'C#', 'C++']}
```

## Process finished with exit code 0

```
"D:\Ильягу\5 семестр\RK1\lab\Scripts\python.exe" "D:/Ильягу/5 семестр/RK1/RK1.py"
Задание Д1
[('JavaScript', 'Microsoft Visual Studio'), ('TypeScript', 'PyCharm')]
Задание Д2
[('Microsoft Visual Studio', 721491), ('NetBeans', 483039), ('PyCharm', 453006), ('IntelliJ IDEA', 299302)]
Задание Д3
{'Microsoft Visual Studio': ['JavaScript', 'C#', 'C++']}
Process finished with exit code 0
```