```
### POST create student
POST http://localhost:8080/api/students
Content-Type: application/json

{
    "fullName": "test",
    "email": "mail@mail.ru"
}
```

```
GET http://localhost:8080/api/students
 HTTP/1.1 200
(Headers) ...Content-Type: application/json...
   "courses": {
     "1": "Java",
     "2": "C#",
     "3": "Python",
     "4": "PHP"
  },
   "students": [
     {
       "id": -174331071285075512,
       "fullName": "test",
       "email": "mail@mail.ru",
       "courses": []
     }
   ]
 Response file saved.
```

```
### PUT subscribe student to courses
PUT http://localhost:8080/api/students
Content-Type: application/json
{
    "id": "-174331071285075512",
    "courses": ["C#", "PHP"]
}
```

```
{
  "courses": {
    "1": "Java",
   "2": "C#",
    "3": "Python",
    "4": "PHP"
  },
  "students": [
    {
      "id": -174331071285075512,
      "fullName": "test",
      "email": "mail@mail.ru",
      "courses": [
        "C#",
        "PHP"
```

Задание 3. Система автоматически определяет студента по его сессии

```
### POST registartion student without courses
POST http://localhost:8080/api/students/register
Content-Type: application/json

{
    "fullName": "test2",
    "email": "mail2@mail.ru"
}
```

```
HTTP/1.1 200
(Headers) ...Content-Type: text/plain; charset=ISO-8859-1...

Data has been registered. Let to choose courses
```

```
{
    "courses": {
        "1": "Java",
        "2": "C#",
        "3": "Python",
        "4": "PHP"
    },
    "students": []
}
```

```
HTTP/1.1 200
(Headers) ...Content-Type: application/json...
{
  "courses": {
    "1": "Java",
    "2": "C#",
    "3": "Python",
    "4": "PHP"
  },
  "students": [
    {
      "id": -7588489164762460554,
      "fullName": "test2",
      "email": "mail2@mail.ru",
      "courses": [
        "PHP"
```

Задание 4. Все входные параметры проверяются на корректность (фио, email)

```
### POST create student
POST http://localhost:8080/api/students
Content-Type: application/json

{
    "fullName": "test",
    "email": "@mail.ru"
}
```

```
HTTP/1.1 404
(Headers) ...Content-Type: application/json...

{
    "message": "Invalid email"
}
```

Задание 5. Тесты должны проверять работу всех операций