

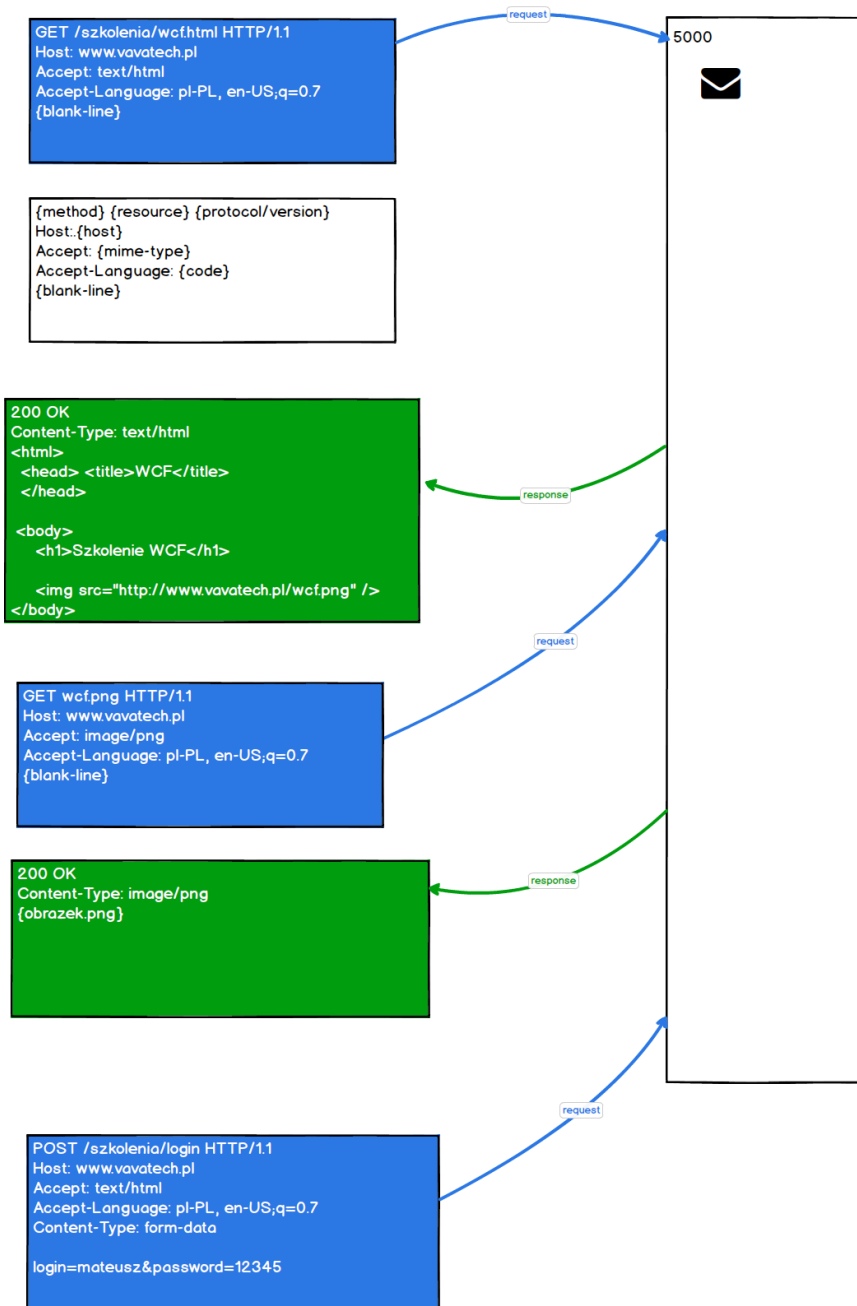
A Web Page

http://www.vavatech.pl/szkolenia/wcf.html

Login

Hasło

~~GET /szkolenia/login?login=mateusz&password=12345 HTTP/1.1~~
~~Host: www.vavatech.pl~~
~~Accept: text/html~~
~~Accept-Language: pl-PL, en-US;q=0.7~~
~~(blank-line)~~



```
POST HelloService.svc HTTP/1.1
Host: localhost
Accept: application/xml
Content-Type: application/xml

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope">
  <s:Header>
  </s:Header>
  <s:Body>
    <AddCustomer>
      <FirstName>John</FirstName>
      <LastName>Smith</LastName>
    </AddCustomer>
  </s:Body>
</s:Envelope>
```

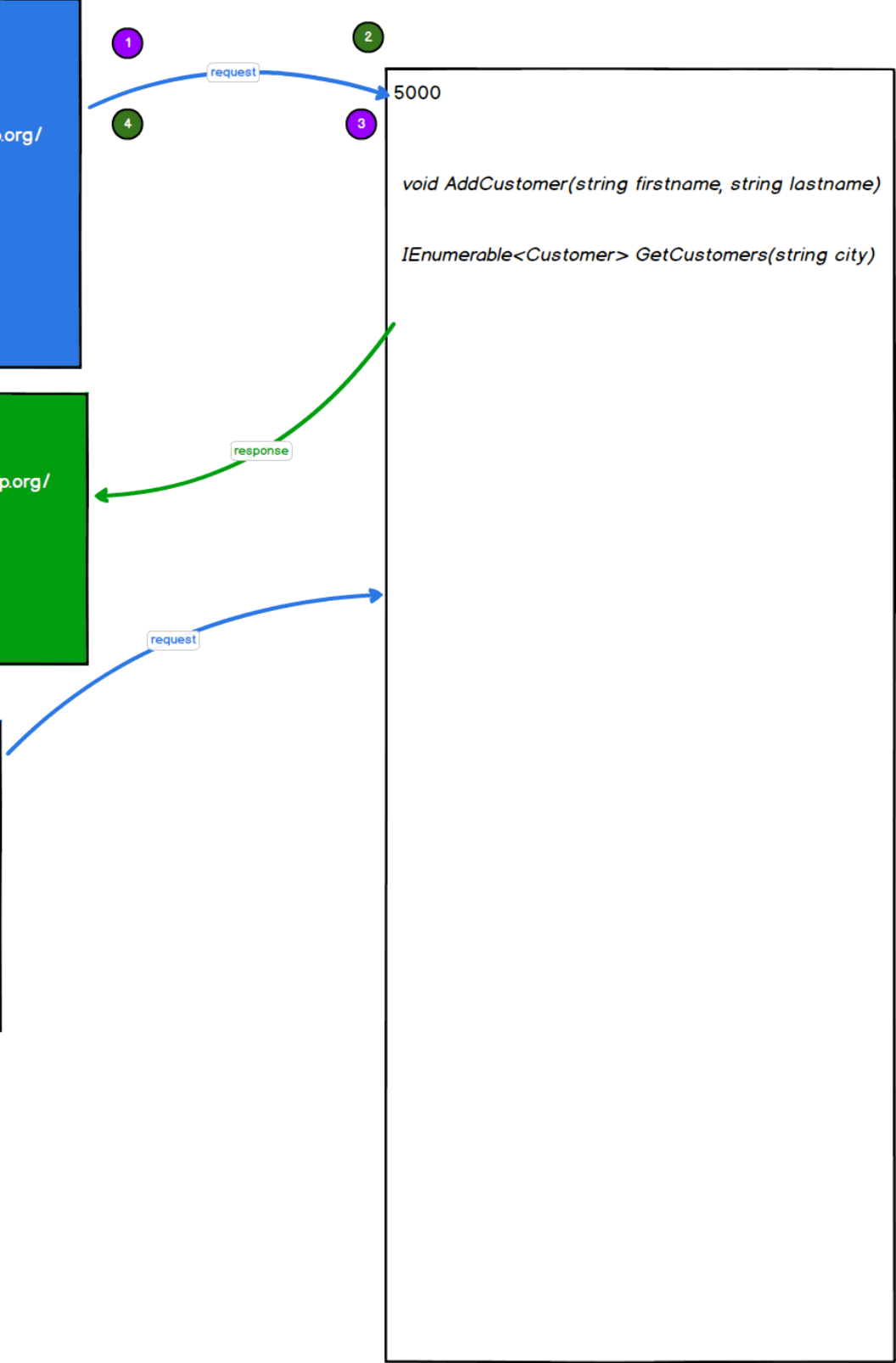
```
200 OK
Content-Type: application/xml

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope">
  <s:Header>
  </s:Header>
  <s:Body>
    <AddCustomerResponse>
    </AddCustomerResponse>
  </s:Body>
</s:Envelope>
```

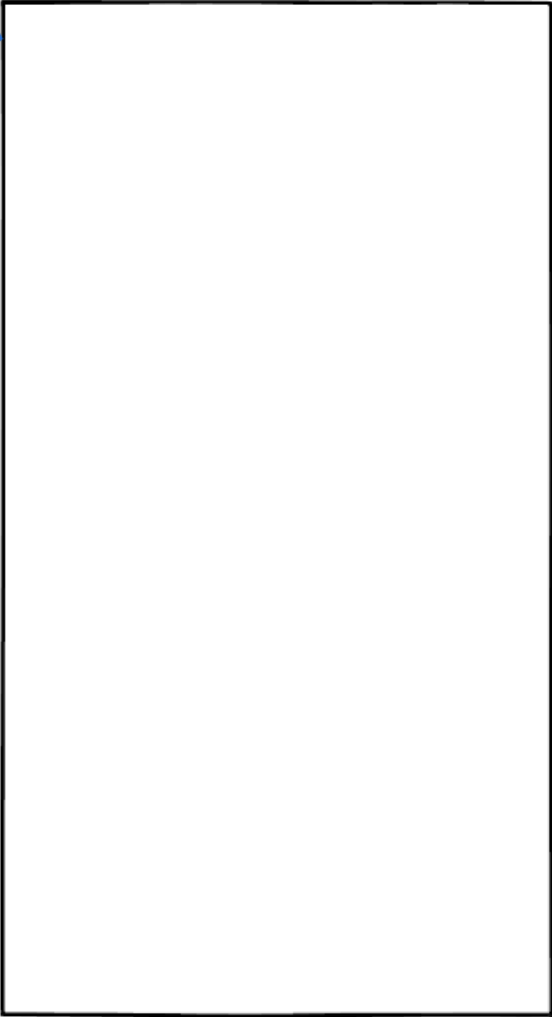
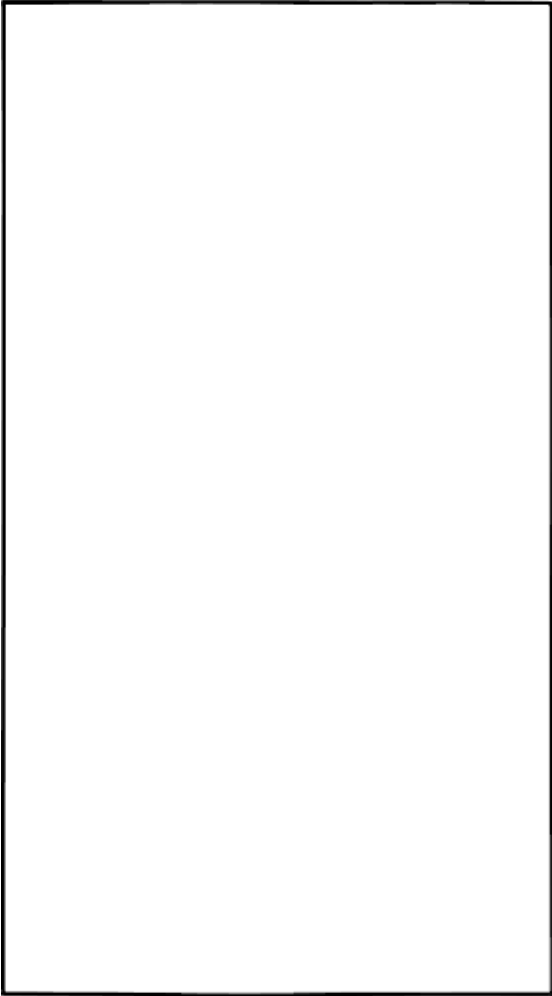
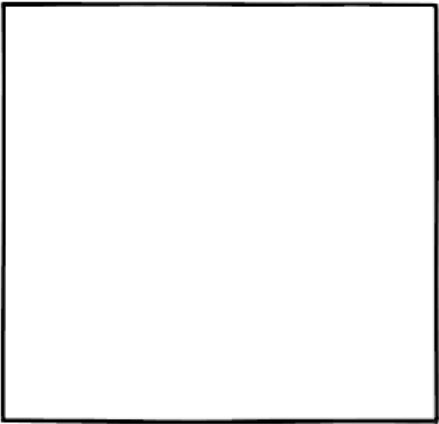
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POST HelloService.svc HTTP/1.1
Host: localhost
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Content-Type: application/xml

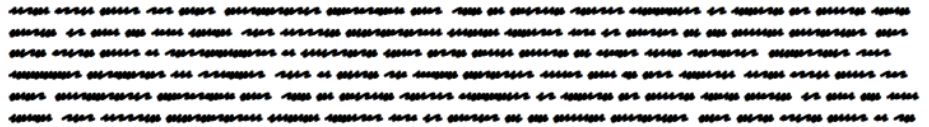
<xml>
  <GetCustomers>
    <City>Warsaw</City>
  </GetCustomers>
</xml>
```

SOAP

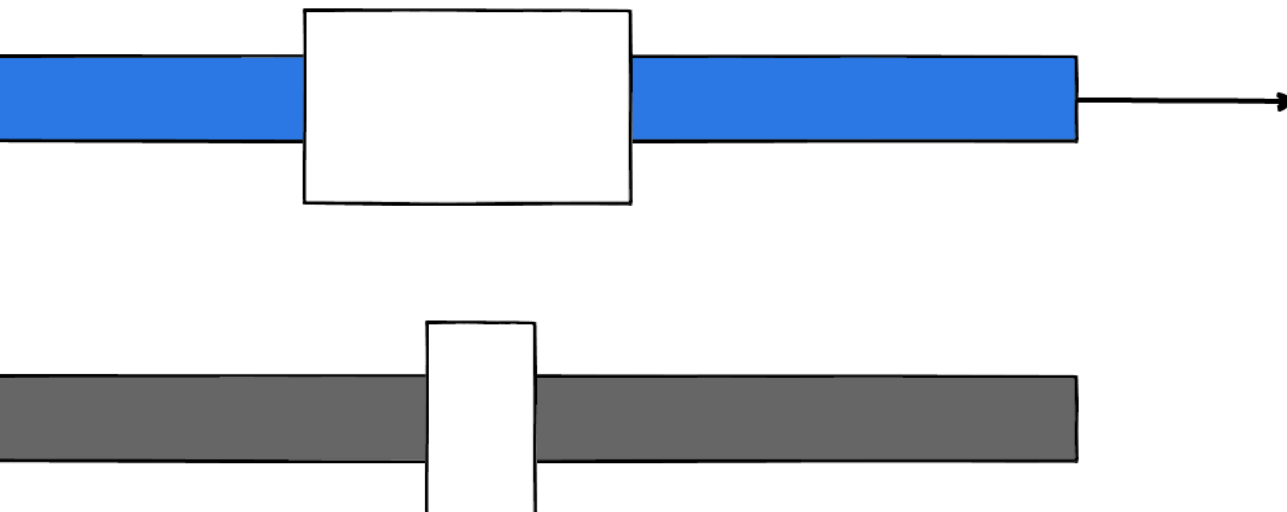


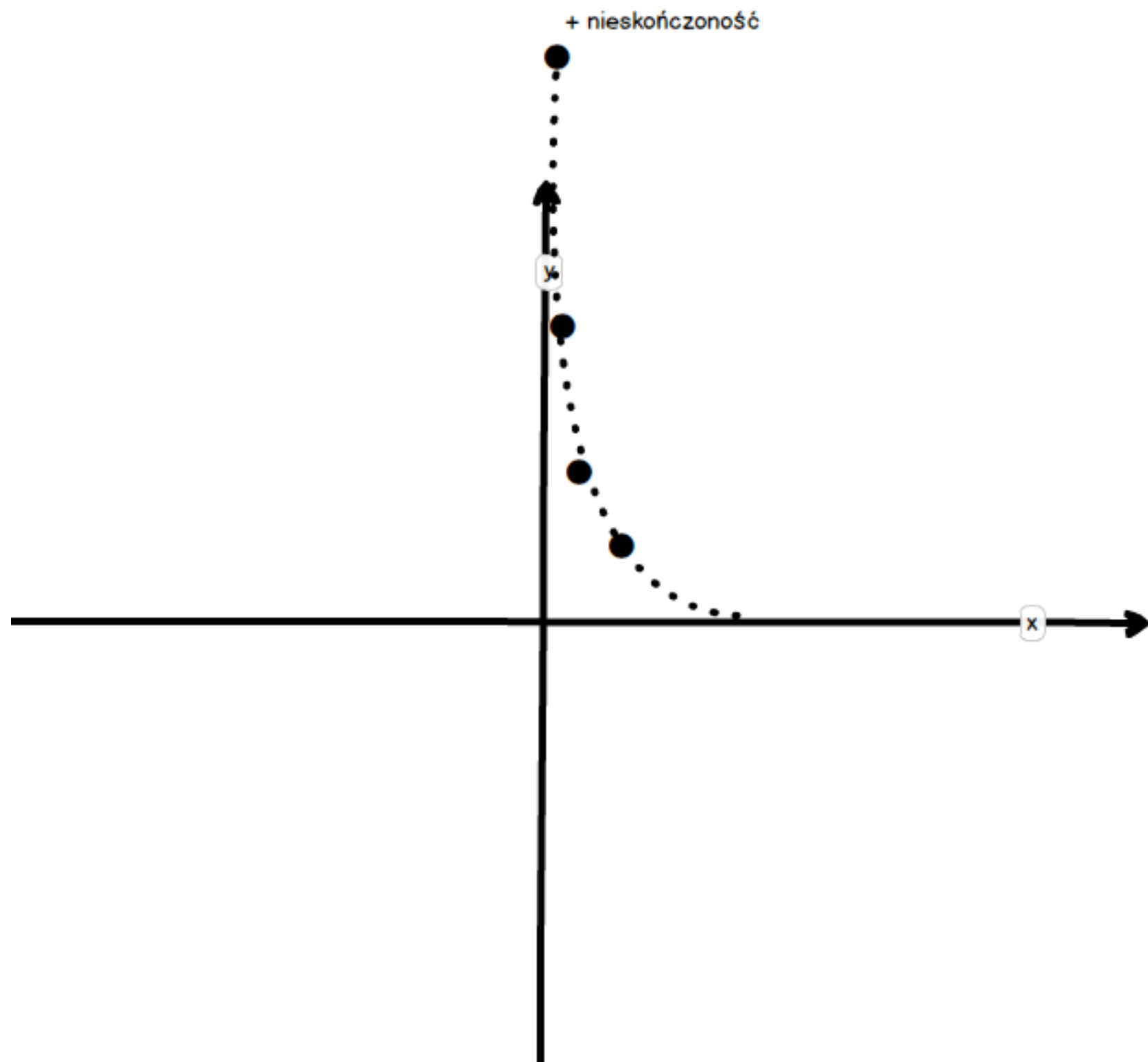
Contract



[illegible][illegible]

အထူးသဖြင့် အချင်းအမိတ် အသက် ၁၅ နှစ် အောက်ရှိ ကလေးများအား အထူးသတိပြုစောင့်ရှောက်ရန် အရေးကြီးပါသည်။ အထူးသဖြင့် အချင်းအမိတ် အသက် ၁၅ နှစ် အောက်ရှိ ကလေးများအား အထူးသတိပြုစောင့်ရှောက်ရန် အရေးကြီးပါသည်။ အထူးသဖြင့် အချင်းအမိတ် အသက် ၁၅ နှစ် အောက်ရှိ ကလေးများအား အထူးသတိပြုစောင့်ရှောက်ရန် အရေးကြီးပါသည်။ အထူးသဖြင့် အချင်းအမိတ် အသက် ၁၅ နှစ် အောက်ရှိ ကလေးများအား အထူးသတိပြုစောင့်ရှောက်ရန် အရေးကြီးပါသည်။

[illegible]




```
{method} {resource} {protocol/version}
Host: {host}
Accept: {mime-type}
Accept-Language: {code}
{blank-line}
```

```
GET /customers/10 HTTP/1.1
Host: localhost
Accept: application/xml
```

```
200 OK
Content-Type: application/xml
Version: v1

<Customer>
  <FirstName>John</FirstName>
  <LastName>Smith</LastName>
</Customer>
```

```
GET /customers?City=Lódź&Street=Piotrkowska HTTP/1.1
Host: localhost
Accept: application/json
```

```
200 OK
Content-Type: application/json
Version: v1

[
  {
    "FirstName": "John",
    "LastName": "Smith",
  },
  {
    "FirstName": "Ann",
    "LastName": "Smith",
  }
]
```

```
POST /customers HTTP/1.1
Host: localhost
Content-Type: application/json

{
  "FirstName": "John",
  "LastName": "Smith",
}
```

```
PUT /customers/10 HTTP/1.1
Host: localhost
Content-Type: application/json

{
  "FirstName": "Ann",
  "LastName": "Smith",
}
```

```
DELETE /customers/10 HTTP/1.1
Host: localhost
```

REST API

GET api/customers

GET api/customers/10

GET api/customers/933304323

GET api/customers/Lódź

GET api/customers?city=Lódź&Street=Piotrkowska

GET api/customers/10/orders

POST api/customers

PUT api/customers/10

PATCH api/customers/10

DELETE api/customers/10

OPTIONS api/customers

method resource

GET - pobierz

POST - utwórz

PUT - zamień

PATCH - zmień

DELETE - usuń

HEAD - sprawdź czy istnieje

OPTIONS - dostępne operacje

~~GET api/customers/10?action=remove~~

GET api/customers/CalculateSalary?id=10

GET api/orders?customerId=10

~~GET posts?id=32103~~

GET posts/wcf/message-constructs.html

GET posts/wcf/data-constructs.html

GET posts/wpf/mvvm/delegate-command.html

```
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Host: localhost
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Content-Type: application/xml

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  <s:Header>
  </s:Header>
  <s:Body>
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      <LastName>Smith</LastName>
    </AddCustomer>
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</s:Envelope>
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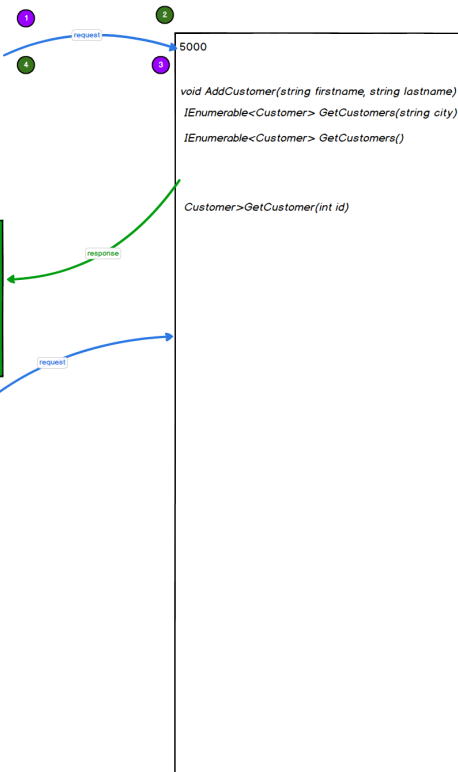
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200 OK
Content-Type: application/xml

<s:Envelope xmlns:s="http://schemas.xmlsoap.org/soap/envelope">
  <s:Header>
  </s:Header>
  <s:Body>
    <AddCustomerResponse>
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```
POST HelloService.svc HTTP/1.1
Host: localhost
Accept: application/xml
Content-Type: application/xml

<xml>
  <GetCustomers>
    <City>Warsaw</City>
  </GetCustomers>
</xml>
```

SOAP



zapis funkcyjny

$f(x) = x + 2$ x należy do C

$f(x,y) = x + y$ x,y należy do C

$g(x) = x + 2$ x należy do C

$h(x) = f(x) + g(x)$ x należy do C

zapis imperatywny

```
int F(int x) { return x + 2 }
```

```
int F(int x, int y) { return x + y }
```

```
int G(int x) { return x + 2 }
```

```
delegate (int x) { return x + 2 }
```

rachunek lambda

$\lambda x \rightarrow x + 2$ x należy do C

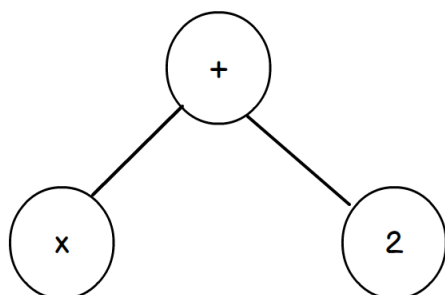
$\lambda x, y \rightarrow x + y$ x,y należy do C

```
int x = 10;
```

zapis deklaratywny

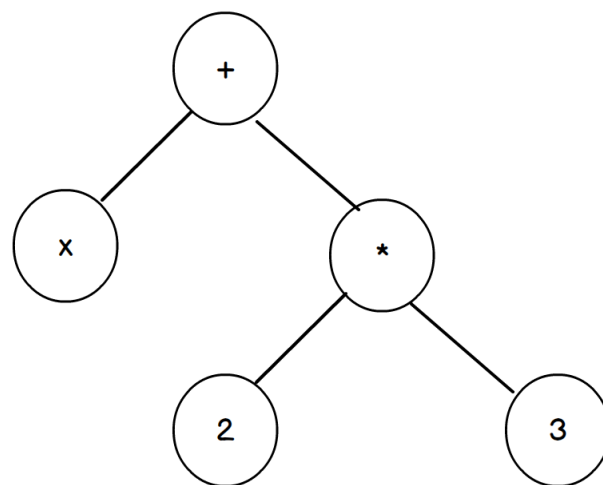
$x \Rightarrow x + 2$

$x + 2$

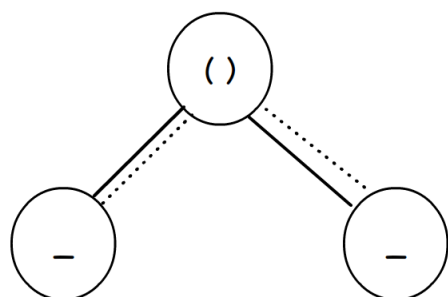


$x + 2 * 3$

Expression



operator



lewy operand

prawy operand

przykłady operatorów z jednym operandem:

$x++$

$++x$

$!x$

$x!$