

src/icp_backend/src/lib.rs

```
use ic_cdk::query;

#[query]
fn greet(name: String) -> String {
    format!("Hello, {}! Welcome to Internet Computer!", name)
}
```

src/icp_backend/Cargo.toml

```
[package]
name = "icp_backend"
version = "0.1.0"
edition = "2018"

[dependencies]
ic-cdk = "0.5.4"
ic-cdk-macros = "0.5.4"

[lib]
crate-type = ["cdylib"]
```

src/icp_frontend/index.html

```
<!DOCTYPE html>
<html>
<head>
  <title>ICP Frontend</title>
</head>
<body>
  <h1>ICP Frontend</h1>
  <input id="name" placeholder="Enter your name" />
  <button onclick="greetUser()">Greet</button>
  <p id="greeting"></p>
  <script type="module">
    import { greet } from "../../declarations/icp_backend/icp_backend.js";

    window.greetUser = async function () {
      const name = document.getElementById("name").value;
      const greeting = await greet(name);
      document.getElementById("greeting").innerText = greeting;
    }
  </script>
</body>
</html>
```

dfx.json

```
{
  "canisters": {
    "icp_backend": {
      "type": "rust",
      "package": "icp_backend",
    }
  }
}
```

```
    "candid": "src/icp_backend/icp_backend.did",
    "wasm": "target/wasm32-unknown-unknown/release/icp_backend.wasm"
  },
  "icp_frontend": {
    "type": "assets",
    "source": "src/icp_frontend"
  }
},
"defaults": {
  "build": {
    "packtool": "vessel"
  }
},
"dfx": "0.14.0",
"networks": {
  "local": {
    "bind": "127.0.0.1:8000",
    "type": "ephemeral"
  }
},
"version": 1
}
```