

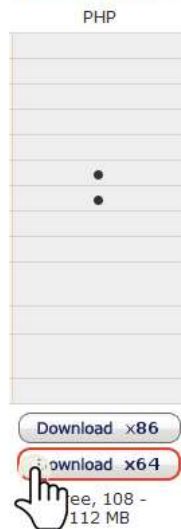
DOBRODOŠLI U PHP I MYSQL

ALGEBRA TEAM 2017

PREDAVANJE BROJ 2

NetBeans i Xampp

1. Instalirati NetBeans x64 ili x86 u zavisnosti od vašeg Operativnog Sustava, trenutno nam je PHP paket dovoljan: Klinki ovdje!
(<https://netbeans.org/downloads/>)

Download Bundle:**2. Otvoriti NetBeans IDE**

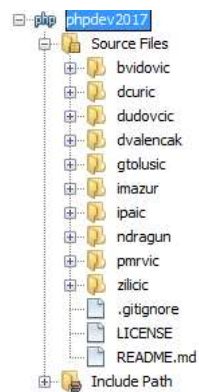
2.1. Snisniti na File > New Project > Categories: PHP / Projects: PHP Application with existing Sources

2.2. Pod Sources Folder odaberite vašu datoteku gdje ste klonirali repository. U mom slučaju je "C:\Users\NecoISlaki\Code\phpdev2017".

2.3. Odaberite PHP 7.0 te pritisnite Next

2.4. Run as: "Local Web Site (running on local web server) (Koristeći Xampp) ili PHP Built-in Web Server (running on built-in web server)(Direktno putem php.exe koji ćemo ovaj puta i koristiti)

2.5. Ukoliko ste sve dobro podesili pojaviti će vam se phpdev2017 folder u kojem biste trebali imati Source Files sa svih 10 foldera.



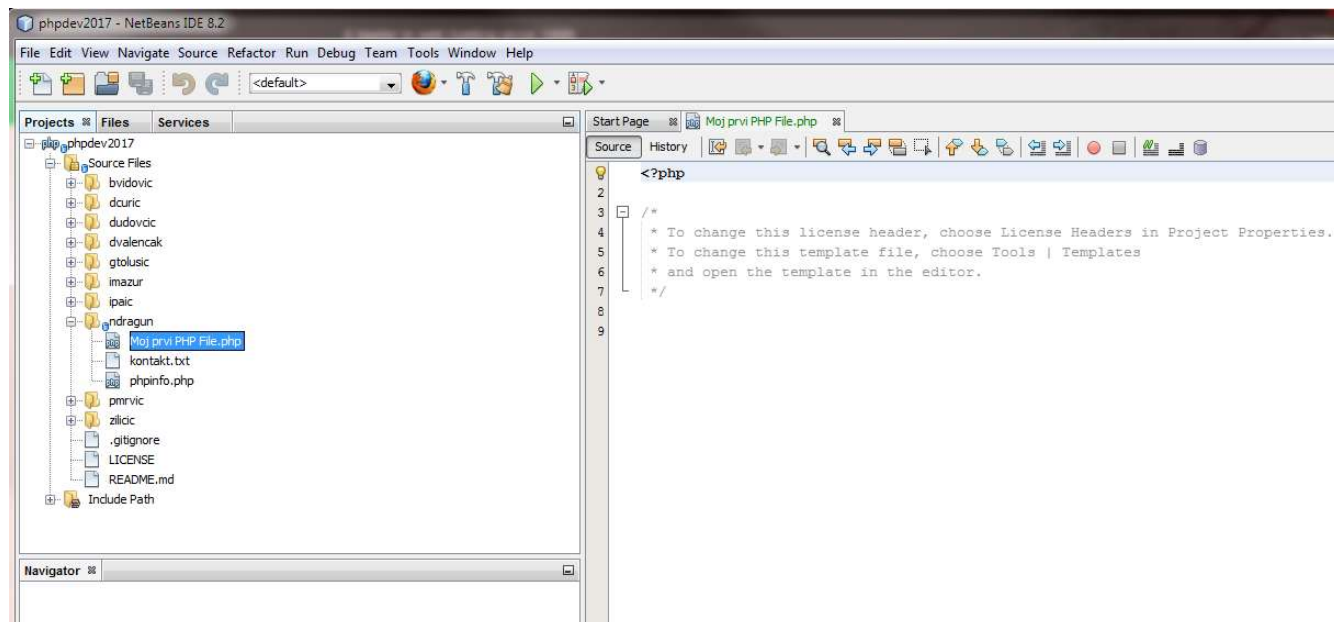
3. Sada ćemo napraviti prvi PHP file.

3.3. Kliknite Desnim Klikom na folder sa vašim imenom. U mom slučaju "ndragun".

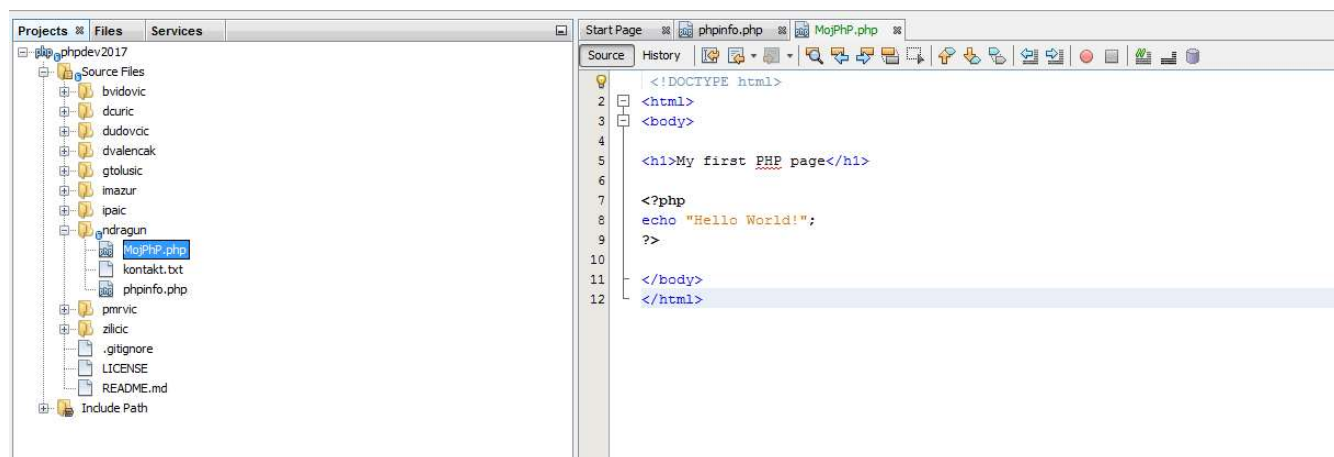
3.3.1. Zatim pritisniti New > PHP File...

3.3.2. Upišite ime filea, u mom slučaju će se zvati "Moj prvi PHP File"

3.3.3. Ukoliko ste pravilno kreirali vaš file trebalo bi izgledati kao na slici dolje.

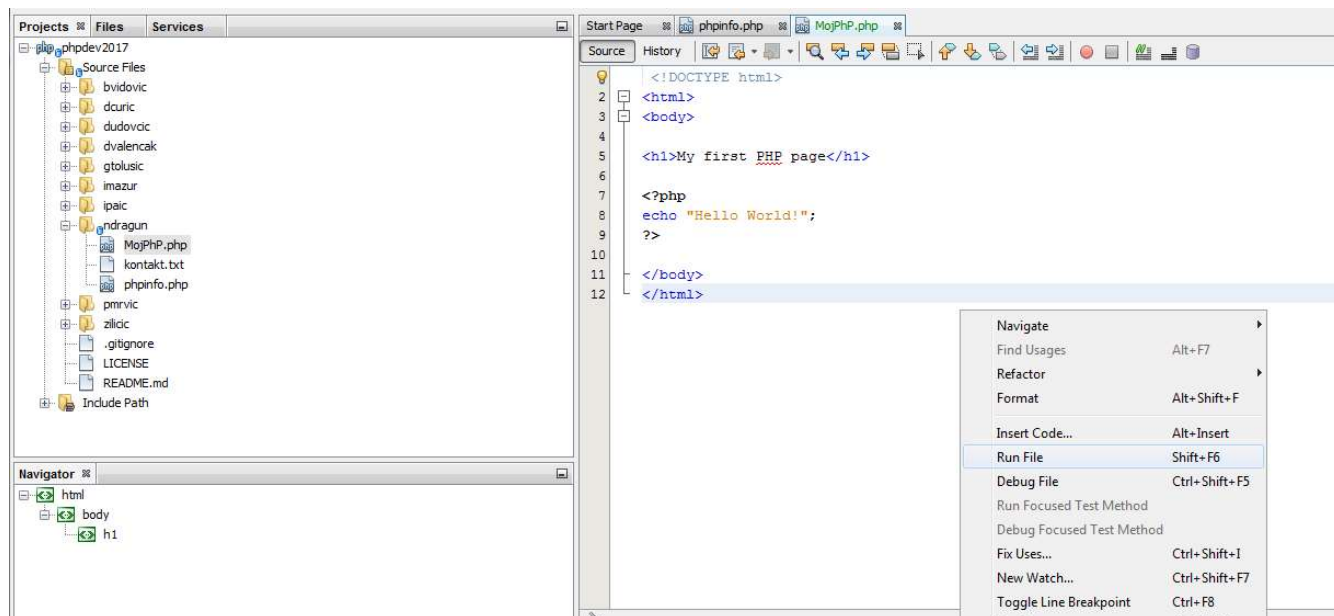


4. Sada ćemo napraviti svoj prvi PHP code.

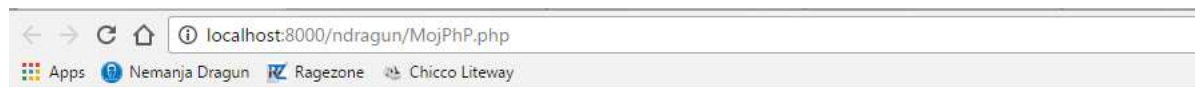


4.1. NAPOMENA: Dok krenirati svoj PHP file koji smo radili na točki 3.3.1. nemojte koristiti "space/razmak" u svojem imenu filea. Ja sam svoj "Moj prvi PHP File.php" rename u "MojPHP.php" zbog toga što vam se iz nekoga razloga file neće pokreniti ukoliko sadrži "space/razmak" u nazivu.

4.2. Kada pokrećete file kliknite desni klik na Source Polje vašeg filea te stisnite "Run file" ili komandu "Shift + F6"



Rezultat:



My first PHP page

Hello World!

Čestitamo, urpavo ste kreirali vašu prvu PHP stranicu!

5. Sada otvorite vaš kontakt.txt te dodajte bilo kakav text unutra te spremite vašu promjenu.

5. Nakon što smo kreirali svoju stranicu otvoriti ćemo Git Bash te ćemo ući u svoj repository putem

```
cd Code
```

```
cd phpdev2017
```

5.1. Sada ćemo upisati "git status" da vidimo što se dogodilo. Zbog toga što smo dodali jedan file te editovali kontakt.txt, Git Bash će nam pokazati što je sve editano.

```
MINGW64/c/Users/NecoISlaki/code/phpdev2017
NecoISlaki@NecoISlaki-PC MINGW64 ~/code/phpdev2017 (master)
$ git status
On branch master
Your branch is ahead of 'origin/master' by 5 commits.
(use "git push" to publish your local commits)
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   ndragun/kontakt.txt

Untracked files:
  (use "git add <file>..." to include in what will be committed)

        ndragun/MojPHP.php

no changes added to commit (use "git add" and/or "git commit -a")
NecoISlaki@NecoISlaki-PC MINGW64 ~/code/phpdev2017 (master)
$
```

5.2. Sada ćemo napraviti svoj prvi commit sa komandom

```
git commit -am "Naša commit poruka"
```

5.3. Ukoliko ste commitali desiti će se promjena te će vas obavijestiti putem konzole kao na slici ispod:

```
NecoISlaki@NecoISlaki-PC MINGW64 ~/code/phpdev2017 (master)
$ git commit -am "Moj Prvi test na PCu"
[master 5b2b988] Moj Prvi test na PCu
1 file changed, 3 insertions(+), 1 deletion(-)
```

5.4. Sada ćemo napraviti prvi push na remote repository server putem ove komande:

```
git push
```

5.5. Ukoliko nismo ulogirani na naš GitHub iskočiti će ovaj prozorčić u kojem morati upisati vaše podatke od GitHub-a



5.6. Kada se ulogirate vaši fileovi će biti poslani na Repository. (Na kraju svakoga dana trebate napraviti pull na repository)

```
necoislaki@Necoislaki-PC MINGW64 ~/code/phpdev2017 (master)
$ git push
Counting objects: 20, done.
Delta compression using up to 8 threads.
Compressing objects: 100% (18/18), done.
Writing objects: 100% (20/20), 2.42 KiB | 0 bytes/s, done.
Total 20 (delta 7), reused 0 (delta 0)
remote: Resolving deltas: 100% (7/7), completed with 2 local objects.
To https://github.com/NemanjaDragun92Git/phpdev2017.git
   ae46f3a..5b2b988 master -> master
```

6. Instalirati Xampp verziju 7.1.1 / PHP 7.1.1: Klinki ovdje! (<https://www.apachefriends.org/download.html>)

6.1. Otvoriti Xampp te ćemo prvo postaviti svoj prvi virtual host koji se nalazi u xampp/apache/conf/extra/httpd-vhosts.conf

6.1.1. Ukoliko želimo da dodamo virtual host file u Config prečac na "XAMPP Control Panel" moramo otići na Config koji se nalazi u Control Panelu

1. XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]

Service	Module	PID(s)	Port(s)	Actions
Apache	7404 9500	80, 443	Stop Admin Config Logs	
MySQL			Start Admin Config Logs	
FileZilla			Start Admin Config Logs	
Mercury			Start Admin Config Logs	
Tomcat			Start Admin Config Logs	

23:38:31 [main] Control Panel Ready
 23:38:32 [Apache] Attempting to start Apache app...
 23:38:32 [Apache] Status change detected: running
 3:53:42 [Apache] Attempting to stop Apache (PID: 5388)
 3:53:42 [Apache] Attempting to stop Apache (PID: 1608)
 3:53:42 [Apache] Status change detected: stopped
 3:54:06 [Apache] Attempting to start Apache app...
 3:54:07 [Apache] Status change detected: running

2. Configuration of Control Panel

Editor: notepad.exe
 Browser (empty = system default)

Autostart of modules
☐ Apache ☐ FileZilla ☐ Tomcat
☐ MySQL ☐ Mercury
 Selected modules will be started on next launch of the Control Panel.

☐ Start Control Panel Minimized
☒ Enable Tomcat output window
☒ Check default ports on startup
☐ Show debug information

Change Language Service and Port Settings
 User Defined Files Log Options

3. User-defined log/config-files

Enter user defined files. Files must be relative to xampp-basedir!
 Example: "apache\conf\extra\httpd-info.conf"

Apache MySQL FileZilla Mercury Tomcat

Config Logs

apache\conf\extra\httpd-vhosts.conf

Abort Save

4. Configuration of Control Panel

Editor: notepad.exe
 Browser (empty = system default)

Autostart of modules
☐ Apache ☐ FileZilla ☐ Tomcat
☐ MySQL ☐ Mercury
 Selected modules will be started on next launch of the Control Panel.

☐ Start Control Panel Minimized
☒ Enable Tomcat output window
☒ Check default ports on startup
☐ Show debug information

Change Language Service and Port Settings
 User Defined Files Log Options

5. Configuration of Control Panel

Editor: C:\Program Files (x86)\Notepad++\notepad++.exe

Također ukoliko imate Notepad++ možete ga postaviti kao zadanog Editora kao u mojem slučaju.

6. XAMPP Control Panel v3.2.2 [Compiled: Nov 12th 2015]

Service	Module	PID(s)	Port(s)	Actions
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Apache (httpd.conf)
 Apache (httpd-ssl.conf)
 Apache (httpd-xampp.conf)
 PHP (php.ini)
 phpMyAdmin (config.inc.php)
 User defined
 <Browse> [Apache]
 <Browse> [PHP]
 <Browse> [phpMyAdmin]

apache\conf\extra\httpd-vhosts.conf

6.2. Kada smo otvorili svoj httpd-vhosts.conf dodajte ovo na kraju svoga filea


```

NameVirtualHost *

<VirtualHost test.dev>
ServerName test.dev
ServerAlias www.test.dev
DocumentRoot "C:\Users\NecoIslaki\Code\phpdev2017"
SetEnv APPLICATION_ENV "development"
<Directory "C:\Users\NecoIslaki\Code\phpdev2017">
DirectoryIndex index.php
Options Indexes
Require all granted
Allow from all
</Directory>
</VirtualHost>

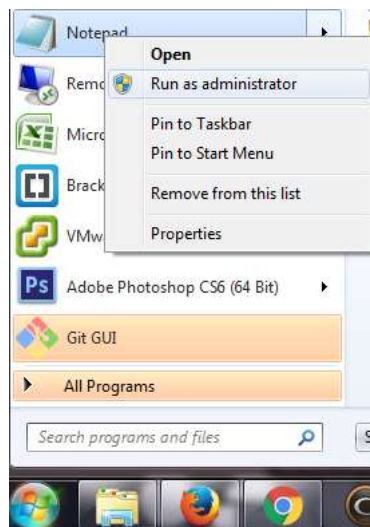
Listen 8080
<VirtualHost *:8080>
ServerName test2.dev
ServerAlias www.test2.dev
DocumentRoot "C:\Users\NecoIslaki\Code\phpdev2017"
SetEnv APPLICATION_ENV "development"
<Directory "C:\Users\NecoIslaki\Code\phpdev2017">
DirectoryIndex index.php
Options Indexes
Require all granted
Allow from all
</Directory>
</VirtualHost>

```

6.2.1. Spremite vaš file.

6.3. Da bi Virtual Host radio moramo editovati hosts file koji se nalazi u "C:\Windows\System32\drivers\etc\hosts".

6.3.1. NAPOMENA: Najlake da editujete ovaj file je da stisnete start button te desni click na notepad i pokrenete ga sa "Run as administrator"



6.3.2. Kada ste pokrenili onda idite na File > Open... > C: > Windows > System32 > drivers > etc > (promijenite "Text Documents (*.txt) u All Files) > otvorite hosts file

6.3.3. Dodajte u hosts file ova dva reda

127.0.0.2 test.dev

127.0.0.3 test2.dev



```

hosts - Notepad
File Edit Format View Help
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com       # source server
#       38.25.63.10       x.acme.com           # x client host
#
# localhost name resolution is handled within DNS itself.
#       127.0.0.1         localhost
#       ::1               localhost
#
127.0.0.2 test.dev
127.0.0.3 test2.dev













```

Spremite file putem Ctrl + S

7. Restartirajte XAMPP putem Control Panela te upišite u svoj web-browser test.dev



Index of /

Name	Last modified	Size	Description
 LICENSE	2017-03-18 02:53	1.1K	
 bvidovic/	2017-03-18 02:53	-	
 dcuric/	2017-03-18 02:53	-	
 dudovic/	2017-03-18 02:53	-	
 dvalencak/	2017-03-18 02:53	-	
 gtolusic/	2017-03-18 02:53	-	
 umazur/	2017-03-18 02:53	-	
 ipaic/	2017-03-18 02:53	-	
 nbproject/	2017-03-18 03:42	-	
 ndragun/	2017-03-18 03:56	-	
 pmrvic/	2017-03-18 02:59	-	
 zilicic/	2017-03-18 02:53	-	

Zadatak:

Što je to FTP? Da bi ste pročitali što je to FTP Klinki ovdje! (<https://hr.wikipedia.org/wiki/FTP>)

Za HTML vježbu posjetite ovaj LINK (<https://www.w3schools.com/>)

Kraj drugog predavanja!

KORISNI LINKOVI

- GITHUB (<https://github.com/>)
- GITBASH (<https://git-scm.com/downloads>)
- TRELLO (<https://trello.com/>)
- NETBEANS (<https://netbeans.org/>)
- XAMPP (<https://www.apachefriends.org/index.html>)
- HEIDISQL (<https://www.heidisql.com/>)
- W3SCHOOLS (<https://www.w3schools.com/>)

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