

## Praktikum Teknik Optimasi Pertemuan 9

Nama : Muhammad Yusril Ananta

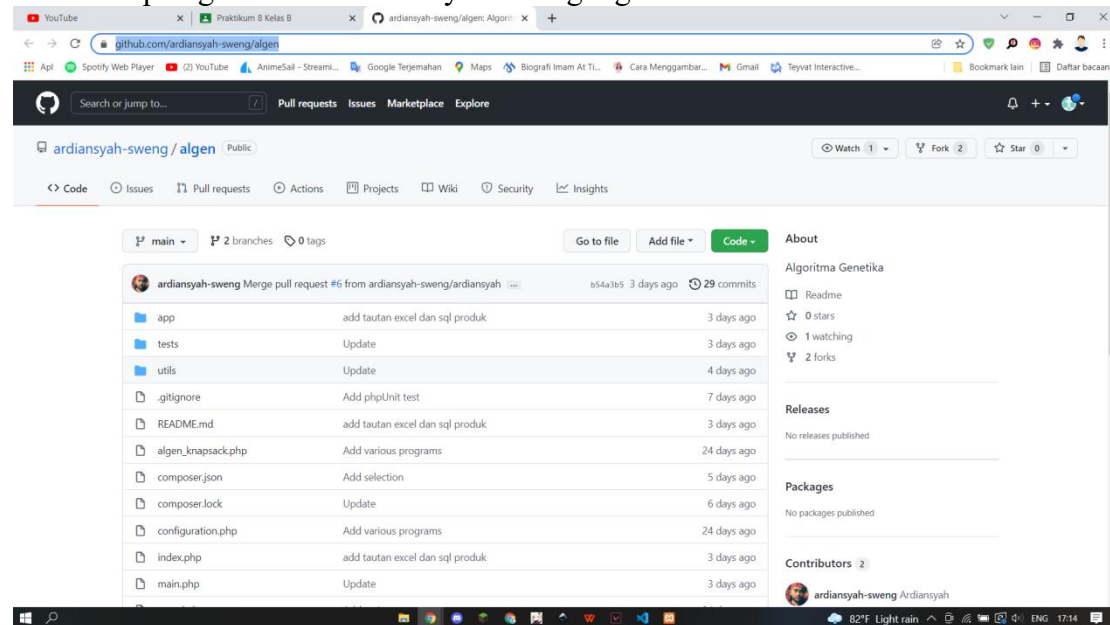
NIM : 1900018307

Kelas : B

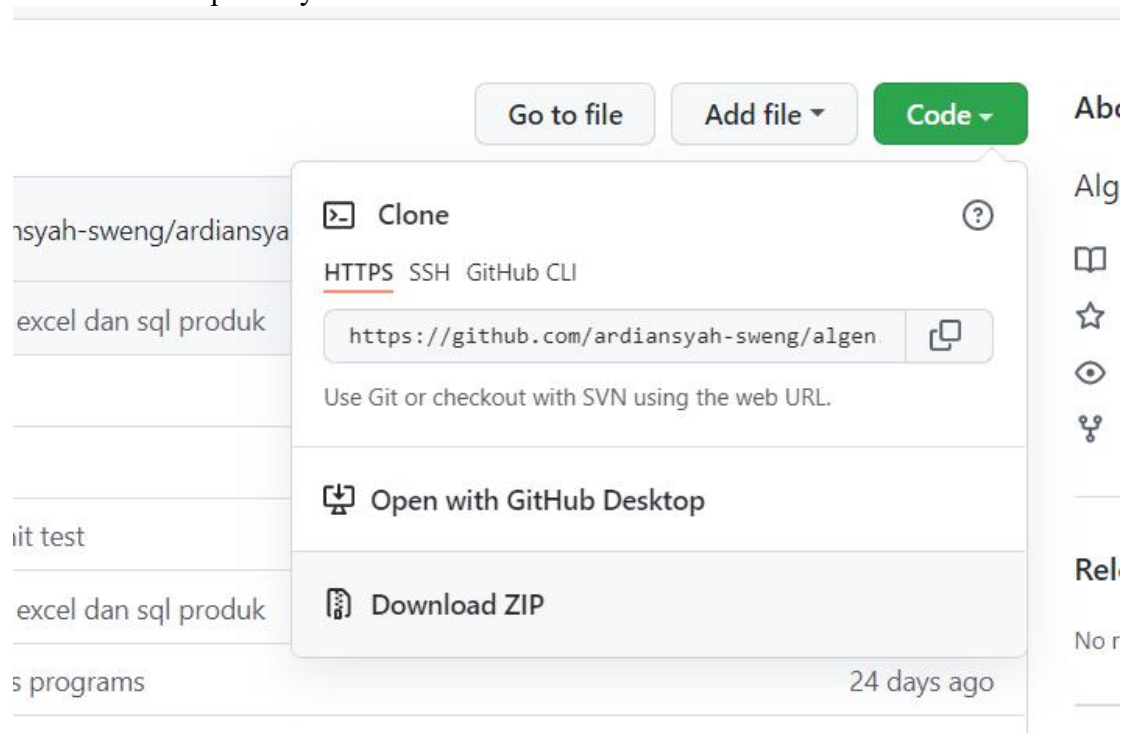
Slot : Senin, 10.30

1. Buka tautan berikut :

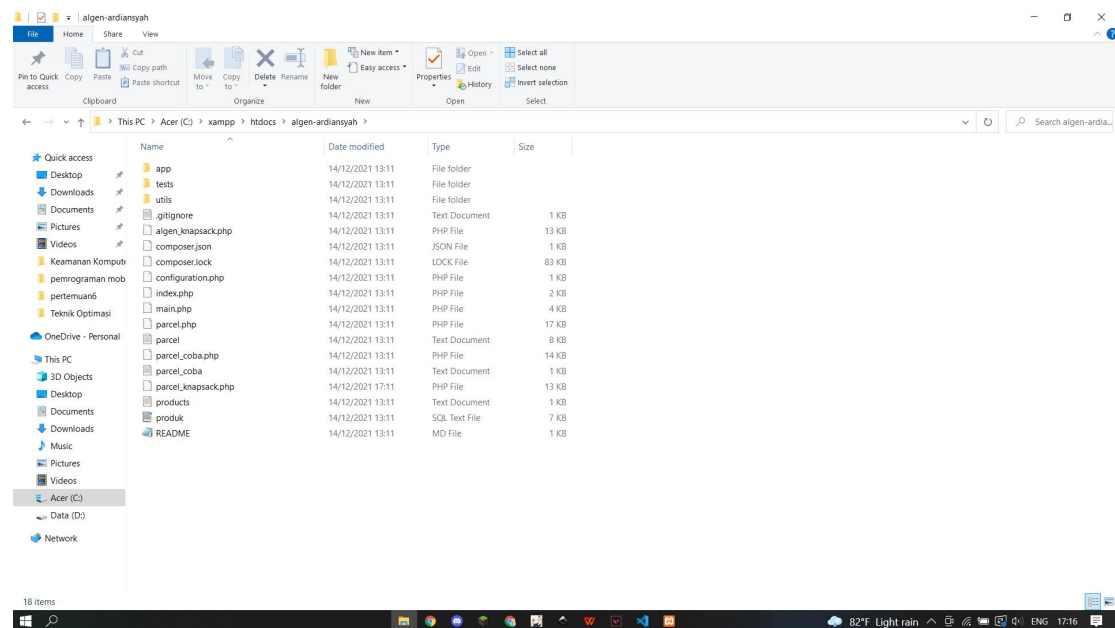
<https://github.com/ardiansyah-sweng/algen>



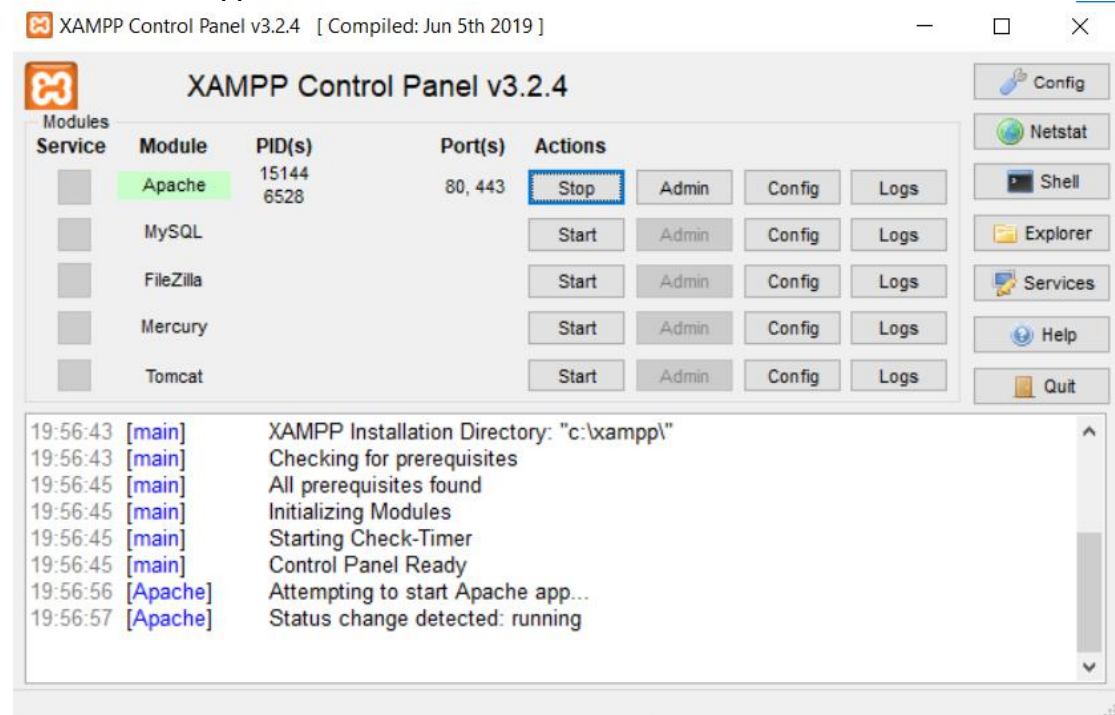
2. Download repository tersebut



3. Buka foldernya dan pindahkan pada xampp/htdoc



#### 4. Jalankan xampp

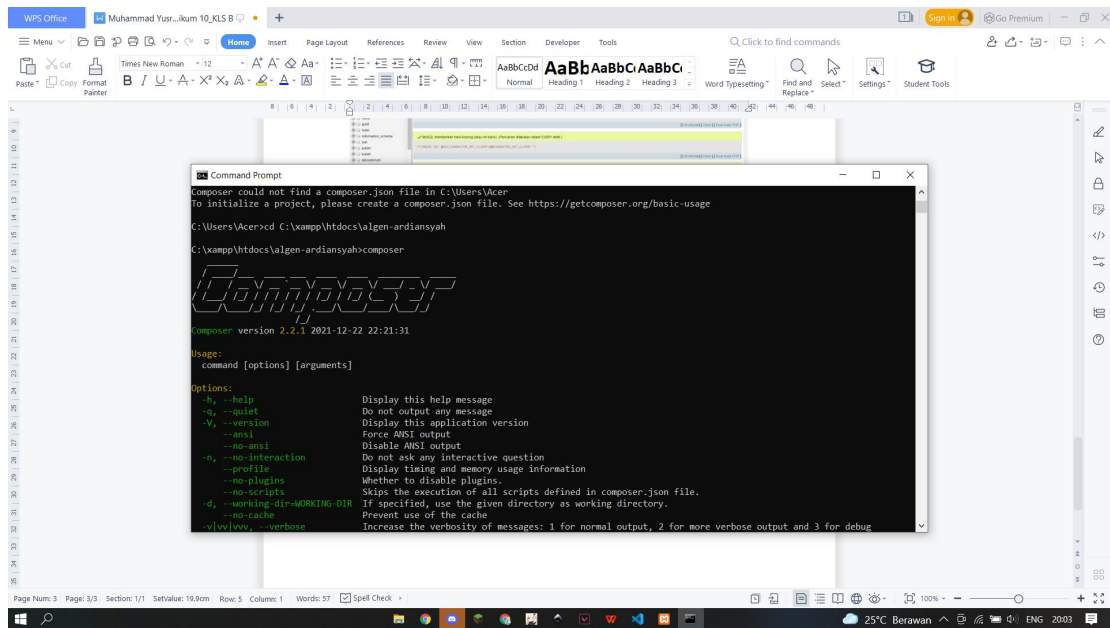


#### 5. Buat database algen di phpmyadmin

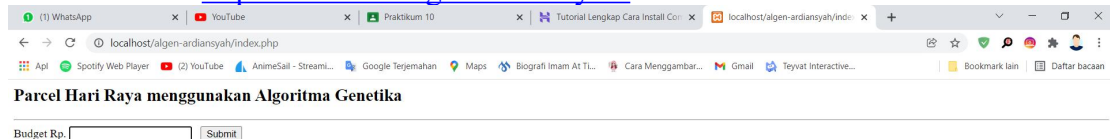
The top screenshot shows the phpMyAdmin 'Import' tab. A message indicates that 15 queries were successfully imported. Below this, several MySQL status messages are displayed, including 'MySQL memberikan hasil kosong (atau nol baris)' and 'Pencarian dilakukan dalam 0.0001 detik'. The bottom screenshot shows the 'Table' tab for the 'produk' table. It displays a list of 25 items with columns for item ID, name, price, and image. The items are listed in a table with alternating row colors.

id	item	item_pr	item_picture
4	Intelligent Wooden Watch	31880	https://via.placeholder.com/100x100/png/007744?tex...
5	Durable Steel Bench	91469	https://via.placeholder.com/100x100/png/0055aa?tex...
6	Ergonomic Steel Computer	37948	https://via.placeholder.com/100x100/png/006622?tex...
7	Lightweight Steel Hat	111206	https://via.placeholder.com/100x100/png/0033aa?tex...
8	Durable Rubber Clock	104071	https://via.placeholder.com/100x100/png/00ff11?tex...
9	Rustic Wooden Shirt	63817	https://via.placeholder.com/100x100/png/0033ee?tex...
10	Enormous Concrete Coat	86211	https://via.placeholder.com/100x100/png/0088dd?tex...
11	Enormous Linen Coat	74913	https://via.placeholder.com/100x100/png/00ffbb?tex...
12	Durable Rubber Knife	84232	https://via.placeholder.com/100x100/png/003377?tex...
13	Lightweight Iron Coat	115215	https://via.placeholder.com/100x100/png/00ff00?tex...
14	Aerodynamic Paper Plate	132247	https://via.placeholder.com/100x100/png/0033aa?tex...
15	Fantastic Plastic Chair	91390	https://via.placeholder.com/100x100/png/00ff00?tex...
16	Durable Silk Bag	84718	https://via.placeholder.com/100x100/png/00aa33?tex...
17	Awesome Plastic Knife	11082	https://via.placeholder.com/100x100/png/00dd77?tex...
18	Awesome Linen Knife	82896	https://via.placeholder.com/100x100/png/0000dd?tex...
19	Ergonomic Silk Knife	17411	https://via.placeholder.com/100x100/png/00bbbb?tex...
20	Ergonomic Copper Hat	32290	https://via.placeholder.com/100x100/png/00eeee?tex...
21	Synergistic Bronze Bag	44233	https://via.placeholder.com/100x100/png/002299?tex...
22	Practical Iron Lamp	63719	https://via.placeholder.com/100x100/png/0055aa?tex...
23	Synergistic Paper Hat	22373	https://via.placeholder.com/100x100/png/00ddff?tex...
24	Small Steel Knife	111353	https://via.placeholder.com/100x100/png/0055aa?tex...
25	Practical Concrete Gloves	96834	https://via.placeholder.com/100x100/png/005522?tex...

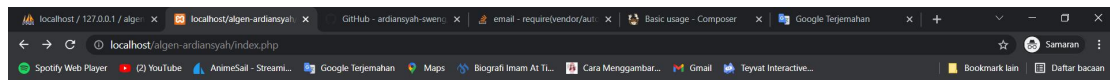
6. Pastikan anda sudah menginstall composer.



## 7. Buka tautan <http://localhost/algen-ardiansyah/>



## 8. Masukkan budget yang dikehendaki

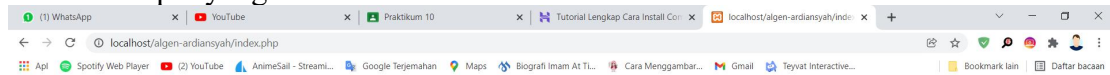


## Parcel Hari Raya menggunakan Algoritma Genetika

Budget Rp.



## 9. Lihat output yang diberikan



## Parcel Hari Raya menggunakan Algoritma Genetika

Budget Rp.

Your budget : **Rp. 2,000,000**  
Optimum amount : **Rp. 1,999,090**  
Number of items : **26**

List of items:

No. Item		Price (Rp)
1	Practical Leather Coat	128,472
2	Durable Steel Bench	91,469
3	Ergonomic Steel Computer	37,948
4	Lightweight Steel Hat	111,206
5	Rustic Wooden Shirt	63,817
6	Enormous Concrete Coat	86,211
7	Fantastic Plastic Chair	91,390
8	Ergonomic Silk Knife	17,411
9	Ergonomic Copper Hat	32,290
10	Synergistic Bronze Bag	44,233
11	Practical Iron Lamp	63,719
12	Small Steel Knife	111,353
13	Intelligent Aluminium Watch	66,269
14	Gorgeous Iron Gloves	79,571
15	Durable Wooden Gloves	16,579
16	Lightweight Rubber Chair	37,673
17	Ergonomic Linen Bottle	121,637
18	Small Silk Pants	123,925
19	Sleek Wooden Watch	86,053
20	Practical Wooden Bench	41,523
21	Mediocre Rubber Clock	120,230
22	Lightweight Aluminium Knife	108,919
23	Lightweight Marble Computer	42,713

