

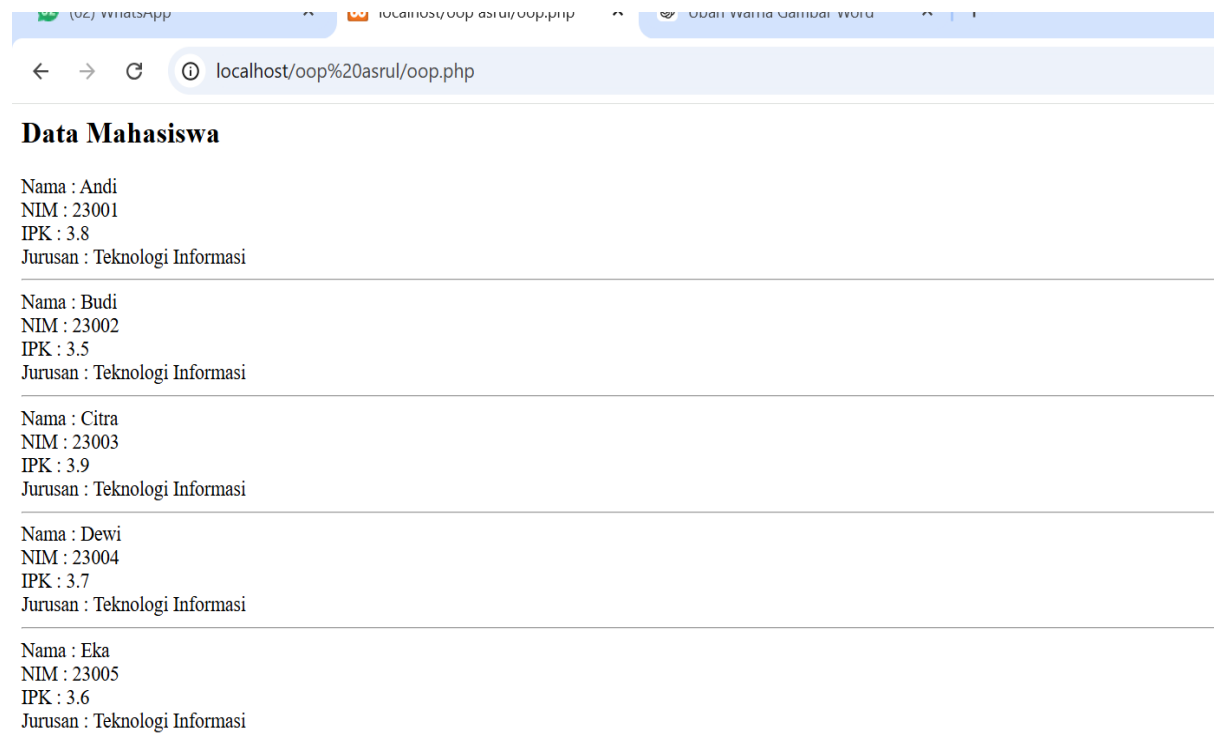
NAMA : GALANG ASRUL ANDIKA
NIM : 2024201013
MATKUL ; PEMROGRAMAN BERORIENTASI OBJEK

1. Listing code

```
2. <?php
3. // CLASS INDUK
4. class Mahasiswa {
5.
6.     // PROPERTY
7.     public $nama;
8.     protected $nim;
9.     private $ipk;
10.
11.     // CONSTRUCTOR
12.     public function __construct($nama, $nim, $ipk) {
13.         $this->nama = $nama;
14.         $this->nim = $nim;
15.         $this->ipk = $ipk;
16.     }
17.
18.     // METHOD PUBLIC
19.     public function tampilData() {
20.         return "Nama : $this->nama <br>
21.             NIM : $this->nim <br>
22.             IPK : " . $this->getIpk() . "<br>";
23.     }
24.
25.     // METHOD PRIVATE DIAMBIL LEWAT METHOD PUBLIC
26.     public function getIpk() {
27.         return $this->ipk;
28.     }
29. }
30.
31. // CLASS TURUNAN (PEWARISAN)
32. class MahasiswaTI extends Mahasiswa {
33.
34.     // PROPERTY TAMBAHAN
35.     public $jurusan;
36.
37.     // CONSTRUCTOR
38.     public function __construct($nama, $nim, $ipk, $jurusan) {
39.
40.         // MEMANGGIL CONSTRUCTOR PARENT
41.         parent::__construct($nama, $nim, $ipk);
42.
43.         $this->jurusan = $jurusan;
```

```
44.     }
45.
46.     // METHOD TAMBAHAN
47.     public function infoLengkap() {
48.         return $this->tampilData() .
49.             "Jurusan : $this->jurusan <br><hr>";
50.     }
51. }
52.
53. // =====
54. // MEMBUAT 5 OBJECT
55. // =====
56.
57. $mhs1 = new MahasiswaTI("Andi", "23001", 3.80, "Teknologi Informasi");
58. $mhs2 = new MahasiswaTI("Budi", "23002", 3.50, "Teknologi Informasi");
59. $mhs3 = new MahasiswaTI("Citra", "23003", 3.90, "Teknologi Informasi");
60. $mhs4 = new MahasiswaTI("Dewi", "23004", 3.70, "Teknologi Informasi");
61. $mhs5 = new MahasiswaTI("Eka", "23005", 3.60, "Teknologi Informasi");
62.
63. // =====
64. // MENAMPILKAN DATA
65. // =====
66.
67. echo "<h2>Data Mahasiswa</h2>";
68.
69. echo $mhs1->infoLengkap();
70. echo $mhs2->infoLengkap();
71. echo $mhs3->infoLengkap();
72. echo $mhs4->infoLengkap();
73. echo $mhs5->infoLengkap();
74.
75. ?>
```

2. hasil



The image shows a screenshot of a web browser displaying a list of student data. The browser's address bar shows the URL 'localhost/oop%20asrul/oop.php'. The page title is 'Data Mahasiswa'. The data is presented in a table with five rows, each representing a student's information. The columns are: Nama (Name), NIM (Student ID), IPK (GPA), and Jurusan (Department).

Data Mahasiswa			
Nama : Andi	NIM : 23001	IPK : 3.8	Jurusan : Teknologi Informasi
Nama : Budi	NIM : 23002	IPK : 3.5	Jurusan : Teknologi Informasi
Nama : Citra	NIM : 23003	IPK : 3.9	Jurusan : Teknologi Informasi
Nama : Dewi	NIM : 23004	IPK : 3.7	Jurusan : Teknologi Informasi
Nama : Eka	NIM : 23005	IPK : 3.6	Jurusan : Teknologi Informasi