

**NAMA** : TANRI ABENG  
**NIM** : 2024201007  
**PRODI** : PEMROGRAMAN BERORIENTASI OBJEK

---

---

## 1. Listing Kode

```
<?php
class BukuTamu {
    private $conn;
    private $table_name = "tamu";

    public $id;
    public $nama;
    public $email;
    public $pesan;
    public $tanggal;

    public function __construct($db) {
        $this->conn = $db;
    }

    public function tambahTamu() {
        $query = "INSERT INTO " . $this->table_name . " (nama, email, pesan) VALUES
(:nama, :email, :pesan)";
        $stmt = $this->conn->prepare($query);

        $this->nama = htmlspecialchars(strip_tags($this->nama));
        $this->email = htmlspecialchars(strip_tags($this->email));
        $this->pesan = htmlspecialchars(strip_tags($this->pesan));

        // Bind data ke query
        $stmt->bindParam(":nama", $this->nama);
        $stmt->bindParam(":email", $this->email);
        $stmt->bindParam(":pesan", $this->pesan);
```

```
if($stmt->execute()) {  
    return true;  
}  
return false;  
}
```

```
public function ambilSemuaTamu() {  
    $query = "SELECT * FROM " . $this->table_name . " ORDER BY tanggal DESC";  
    $stmt = $this->conn->prepare($query);  
    $stmt->execute();  
    return $stmt;  
}
```

```
public function ambilTamuPerId() {  
    $query = "SELECT * FROM " . $this->table_name . " WHERE id = ? LIMIT 0,1";  
    $stmt = $this->conn->prepare($query);  
    $stmt->bindParam(1, $this->id);  
    $stmt->execute();
```

```
$row = $stmt->fetch(PDO::FETCH_ASSOC);
```

```
if($row) {  
    $this->nama = $row['nama'];  
    $this->email = $row['email'];  
    $this->pesan = $row['pesan'];  
    return true;  
}  
return false;  
}
```

```
public function updateTamu() {  
    $query = "UPDATE " . $this->table_name . "  
        SET nama = :nama, email = :email, pesan = :pesan
```

```
WHERE id = :id";
```

```
$stmt = $this->conn->prepare($query);
```

```
$this->nama = htmlspecialchars(strip_tags($this->nama));
```

```
$this->email = htmlspecialchars(strip_tags($this->email));
```

```
$this->pesan = htmlspecialchars(strip_tags($this->pesan));
```

```
$this->id = htmlspecialchars(strip_tags($this->id));
```

```
$stmt->bindParam(":nama", $this->nama);
```

```
$stmt->bindParam(":email", $this->email);
```

```
$stmt->bindParam(":pesan", $this->pesan);
```

```
$stmt->bindParam(":id", $this->id);
```

```
if($stmt->execute()) {
```

```
    return true;
```

```
}
```

```
return false;
```

```
}
```

```
public function hapusTamu() {
```

```
    $query = "DELETE FROM " . $this->table_name . " WHERE id = :id";
```

```
    $stmt = $this->conn->prepare($query);
```

```
$
```