

```

<?php
// Parent class
abstract class Car {
    public $name;

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

    abstract public function intro() : string;

    public function getManufacturer() : string {
        return "This is a car from $this->name manufacturer.";
    }
}

// Child classes
class Audi extends Car {
    public function intro() : string {
        return "Choose German quality! I'm an $this->name!";
    }
}

class Volvo extends Car {
    public function intro() : string {
        return "Proud to be Swedish! I'm a $this->name!";
    }
}

class Citroen extends Car {
    public function intro() : string {
        return "French extravagance! I'm a $this->name!";
    }
}

// Kodo dalis
$audi = new Audi("Audi");
echo $audi->intro();
echo "<br>";
echo $audi->getManufacturer();
echo "<br>";

$volvo = new Volvo("Volvo");
echo $volvo->intro();
echo "<br>";
echo $volvo->getManufacturer();
echo "<br>";

$citroen = new Citroen("Citroen");
echo $citroen->intro();
echo "<br>";
echo $citroen->getManufacturer();
?>

```

```
1 <?php
2 // Abstract parent class
3 abstract class Car {
4     public $name;
5
6     public function __construct($name) {
7         $this->name = $name;
8     }
9
10    abstract public function intro() : string;
11 }
12
13 // Child classes
14 class Audi extends Car {
15     public function intro() : string {
16         return "Choose German quality! I'm an $this->name!";
17     }
18 }
19
20 class Volvo extends Car {
21     public function intro() : string {
22         return "Proud to be Swedish! I'm a $this->name!";
23     }
24 }
25
26 class Citroen extends Car {
27     public function intro() : string {
28         return "French extravagance! I'm a $this->name!";
29     }
30 }
31
32 // Kodo dalis
33 $audi = new Audi("Audi");
34 echo $audi->intro();
35 echo "<br>";
36
37 $volvo = new Volvo("Volvo");
38 echo $volvo->intro();
39 echo "<br>";
40
41 $citroen = new Citroen("Citroen");
42 echo $citroen->intro();
43 ?>
44
```

```

1  <?php
2  interface DB {
3      public function get($table);
4  }
5
6  class Database {
7      protected $connection;
8
9      public function __construct($host, $username, $password, $database) {
10         $this->connection = new mysqli($host, $username, $password, $database);
11         if ($this->connection->connect_error) {
12             die("Connection failed: " . $this->connection->connect_error);
13         }
14     }
15
16     public function get($table) {
17         $sql = "SELECT * FROM $table";
18         $result = $this->connection->query($sql);
19         if ($result) {
20             while ($row = $result->fetch_assoc()) {
21                 print_r($row);
22             }
23             $result->free();
24         } else {
25             echo "Error: " . $this->connection->error;
26         }
27     }
28 }
29
30 class MSSQLDB extends Database {
31     public function get($table) {
32         $sql = "SELECT TOP 10 * FROM $table";
33         $result = $this->connection->query($sql);
34         if ($result) {
35             while ($row = $result->fetch_assoc()) {
36                 print_r($row);
37             }
38             $result->free();
39         } else {
40             echo "Error: " . $this->connection->error;
41         }
42     }
43 }
44
45 $mssql = new MSSQLDB("localhost", "username", "password", "database");
46 $mssql->get("table_name");
47 ?>
48

```

```
1 <?php
2 interface DB {
3     public function get($table);
4 }
5
6 class Database {
7     protected $connection;
8
9     public function __construct($host, $username, $password, $database) {
10         $this->connection = new mysqli($host, $username, $password, $database);
11         if ($this->connection->connect_error) {
12             die("Connection failed: " . $this->connection->connect_error);
13         }
14     }
15
16     public function get($table) {
17         $sql = "SELECT * FROM $table";
18         $result = $this->connection->query($sql);
19         if ($result) {
20             while ($row = $result->fetch_assoc()) {
21                 print_r($row);
22             }
23             $result->free();
24         } else {
25             echo "Error: " . $this->connection->error;
26         }
27     }
28 }
29
30 class MySQLDB extends Database {
31     public function get($table) {
32         parent::get($table);
33     }
34 }
35
36 $mysql = new MySQLDB("localhost", "username", "password", "database");
37 $mysql->get("table_name");
38 ?>
39
```