Laporan Pemrograman Berorientasi Objek

Praktikum 6

Disusun oleh :

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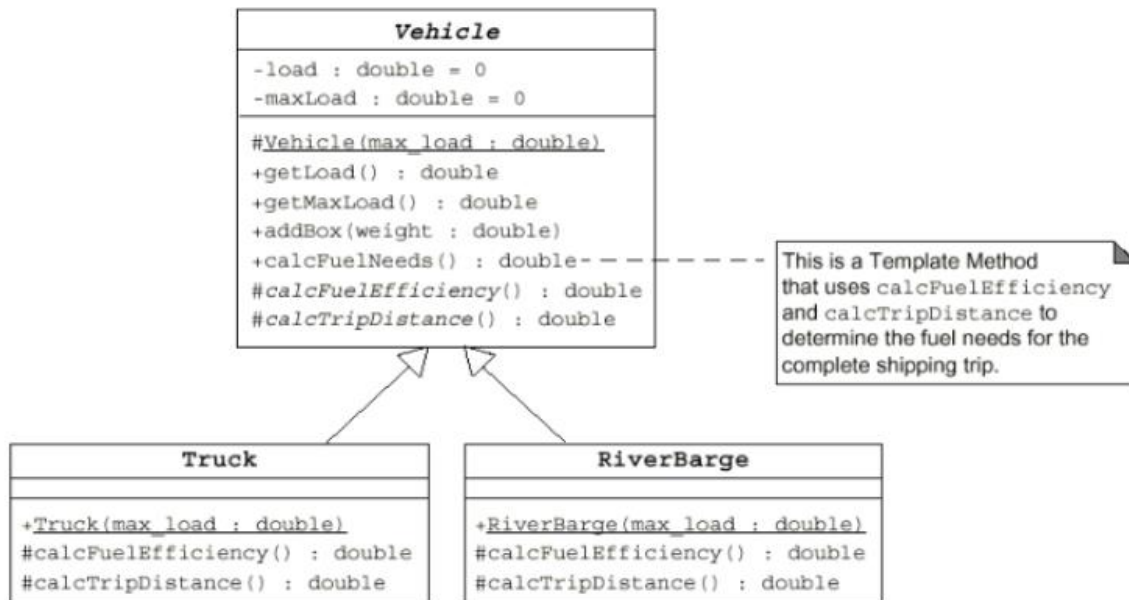21091397058

Program Studi D4 Manajemen Informatika

Program Vokasi

Universitas Negeri Surabaya

2022

1. Buat program berdasarkan UML berikut

Source Code

Gambar 1 no 1.php

```php
30        public function calcFuelNeeds()
31        {
32            $fuel = $this->calcFuelEfficiency();
33            $trip = $this->calcTripDistance();
34
35            return ceil($fuel /= $trip);
36        }
37    }
38    $truck = new Truck(7500, 'Truk');
39    $riverBarge = new RiverBarge(150000, 'Kapal');
```

Gambar 2 no 1.php

```php
No 1 > 🐘 index.php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3    <?php
4        require_once 'no1.php';
5    ?>
6
7    <!DOCTYPE html>
8    <html lang="id">
9
10   <head>
11       <!-- Bootstrap CSS -->
12       <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
13       integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
14
15       <title>PBO - Praktikum 6</title>
16   </head>
17
18   <body>
19       <div class="container">
20           <br>
21           <h2 class="text-center">PBO - Praktikum 6</h2>
22           <div class="row">
23               <div class="col-5 mx-auto border p-3 mt-2">
24                   <h4 class="text-center"><strong>Soal 1</strong></h4>
25                   <br><br>
26                   <b><?= $truck->getMaxLoad() . ' kg'; ?> <br></b>
27                   <br>
28                   <?= $truck->addBox(3000) . ' kg'; ?> <br>
29                   <?= $truck->addBox(1000) . ' kg'; ?> <br>
30                   <?= $truck->addBox(6000) . ' kg'; ?> <br>
```

Gambar 1 index.php

```php
31
32                   <?php
33                       echo "Jadi, Butuh Bahan Bakar sebanyak " . $truck->calcFuelNeeds() . ' Liter'. '<br>';
34                   ?>
35                   <br>
36                   ------------------------------------------------
37                   <br>
38                   <br>
39                   <b><?= $riverBarge->getMaxLoad() . ' kg'; ?> <br></b>
40                   <br>
41                   <?= $riverBarge->addBox(1000) . ' kg'; ?> <br>
42                   <?= $riverBarge->addBox(6000) . ' kg'; ?> <br>
43                   <?= $riverBarge->addBox(8000) . ' kg'; ?> <br>
44
45                   <?php
46                       echo "Jadi, Butuh Bahan Bakar sebanyak " . $riverBarge->calcFuelNeeds() . ' Liter';
47                   ?>
48               </div>
49           </div>
50       </div>
51   </body>
52
53   </html>
```

Gambar 2 index.php

```php
<--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->

<?php

abstract class Vehicle {
    private $load = 0;
    protected $maxLoad = 0, $name;

    protected function __construct($maxLoad, $name) {
        $this->$maxLoad = $maxLoad;
        $this->$name = $name;
    }

    public function getLoad() {
        return $this->load;
    }

    public function getMaxLoad() {
        echo 'Maksimal muatan ' . $this->name . ' ' ;
        return $this->maxLoad;
    }

    public function addBox($weight) {
        if ($this->load >= $this->maxLoad) {
            echo "$this->name menambah muatan sebesar $weight <br>";
            echo 'Muatan telah penuh tidak bisa menambah lagi';
        }else {
            $this->load += $weight;
            echo "$this->name menambah muatan sebesar $weight";
        }
    }
```

Gambar 1 abstract.php

```php
    abstract public function calcFuelNeeds();

    protected function calcFuelEfficiency() {
        $range = 50000000;
        $range /= $this->load;
        return $range;
    }

    protected function calcTripDistance() {
        return 500;
    }
}
```

Gambar 2 abstract.php

Output

<--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->

Gambar output No. 1

2. Buat program berdasarkan UML berikut
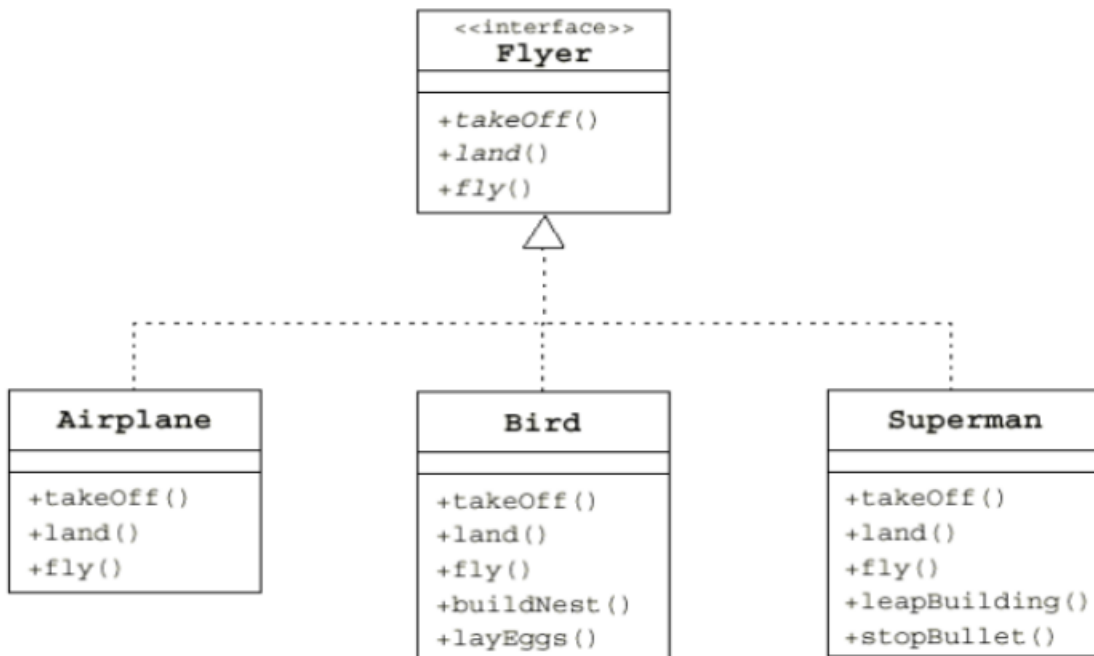
Source Code

```php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3    <?php
4
5    require_once 'interface.php';
6
7    class Airplane implements Flyer {
8        public function takeOff() {
9            return 'Pesawat lepas landas..';
10       }
11       public function land() {
12           return 'Pesawat mendarat';
13       }
14       public function fly() {
15           return 'Pesawat dalam perjalanan';
16       }
17   }
18
19   class Bird implements Flyer {
20       public function takeOff() {
21           return 'Burung mencari makan';
22       }
23       public function land() {
24           return 'Burung kembali pulang';
25       }
26       public function fly() {
27           return 'Burung terbang';
28       }
29       public function buildNest() {
30           return 'Burung membuat sarang';
31       }
```

Gambar 1 no 2.php

```php
32       public function layEggs() {
33           return 'Burung bertelur';
34       }
35   }
36
37   class Superman implements Flyer {
38       public function takeOff() {
39           return 'Superman mengejar Batman';
40       }
41       public function land() {
42           return 'Superman melawan Batman';
43       }
44       public function fly() {
45           return 'Superman melancarkan pukulan';
46       }
47       public function leapBuilding() {
48           return 'Batman terpental menabrak bangunan pencakar langit';
49       }
50       public function stopBullet() {
51           return 'Polisi menembaki superman namun ditangkis';
52       }
53   }
54
55   $airplane = new Airplane;
56   $bird = new Bird;
```

Gambar 2 no 2.php

```php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3    <?php
4        require_once 'no2.php';
5    ?>
6
7    <!DOCTYPE html>
8    <html lang="en">
9
10   <head>
11       <!-- Bootstrap CSS -->
12       <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
13       integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
14
15       <title>PBO - Praktikum 6</title>
16   </head>
17
18   <body>
19       <div class="container">
20           <br>
21           <h2 class="text-center">PBO - Praktikum 6</h2>
22           <div class="row">
23               <div class="col-5 mx-auto border p-3 mt-2">
24                   <h4 class="text-center"><strong>Soal 2</strong></h4>
25                   <br><br>
26                   <b><?php
27                       echo "Superman";
28                   ?></b> <br>
29                   <?= $superman->land(); ?> <br>
30                   <?= $superman->takeOff(); ?> <br>
31                   <?= $superman->fly(); ?> <br>
32                   <?= $superman->leapBuilding(); ?> <br>
33                   <?= $superman->stopBullet(); ?> <br>
```

Gambar 1 index.php

```php
32                   <?= $superman->leapBuilding(); ?> <br>
33                   <?= $superman->stopBullet(); ?> <br>
34                   <br>
35                   <b><?php
36                       echo "Bird";
37                   ?></b> <br>
38                   <?= $bird->buildNest(); ?> <br>
39                   <?= $bird->takeOff(); ?> <br>
40                   <?= $bird->fly(); ?> <br>
41                   <?= $bird->land(); ?> <br>
42                   <?= $bird->layEggs(); ?> <br>
43                   <br>
44                   <b><?php
45                       echo "Airplane";
46                   ?></b> <br>
47                   <?= $airplane->takeOff(); ?> <br>
48                   <?= $airplane->fly(); ?> <br>
49                   <?= $airplane->land(); ?> <br>
50               </div>
51           </div>
52       </div>
53   </body>
54
55   </html>
```

Gambar 2 index.php

Gambar inteface.php

Output

<--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->

PBO - Praktikum 6

Soal 2

Superman
Superman melawan Batman
Superman mengejar Batman
Superman melancarkan pukulan
Batman terpental menabrak bangunan pencakar langit
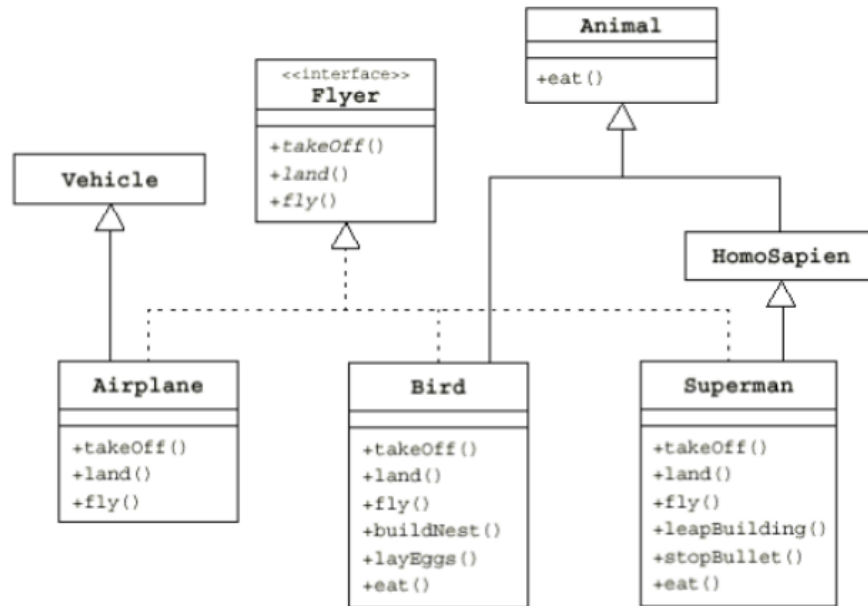Polisi menembaki superman namun ditangkis

Bird
Burung membuat sarang
Burung mencari makan
Burung terbang
Burung kembali pulang
Burung bertelur

Airplane
Pesawat lepas landas..
Pesawat dalam perjalanan
Pesawat mendarat

Gambar output No. 2

3. Buat program berdasarkan UML berikut

Source Code

Gambar 1 no 3.php

```php
        public function takeOff()
        {
            return "$this->name lepas landas";
        }

        public function land()
        {
            return "$this->name mendarat";
        }

        public function fly()
        {
            return "$this->name dalam perjalanan";
        }

        public function calcFuelNeeds()
        {
            $fuel = $this->calcFuelEfficiency();
            $trip = $this->calcTripDistance();



            return ceil($fuel /= $trip);
        }
    }

    class Superman2 extends Homosapiens implements Flyer
    {
        public function takeOff()
        {
            return "$this->name mengejar Batman";
        }
```

Gambar 2 no 3.php

```php
        public function land()
        {
            return "$this->name melawan Batman";
        }

        public function fly()
        {
            return "$this->name melancarkan pukulan";
        }

        public function leapBuilding()
        {
            return "Batman terpental menabrak bangunan pencakar langit";
        }

        public function stopBullet()
        {
            return "Polisi menembaki $this->name namun ditangkis";
        }
    }

    $singa = new Animal('Serigala');
    $manusia = new Homosapiens('Alex');
    $airplane2 = new Airplane2(20000, 'Asia Air');
```

Gambar 3 no 3.php

```php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3    <?php
4        require_once 'no3.php';
5    ?>
6
7    <!DOCTYPE html>
8    <html lang="id">
9
10   <head>
11       <!-- Bootstrap CSS -->
12       <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
13       integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
14
15       <title>PBO - Praktikum 6</title>
16   </head>
17   <body>
18       <div class="container">
19           <h2 class="text-center">PBO - Praktikum 6</h2>
20           <div class="row">
21               <div class="col-5 mx-auto border p-3 mt-2">
22                   <h4 class="text-center"><strong>Soal 3</strong></h4>
23                   <br><br>
24                   <?= $singa->eat(); ?> <br>
25                   <?= $manusia->eat(); ?> <br>
26                   <br>
27
28                   <b><?= $airplane2->getMaxLoad() . ' kg'; ?> <br></b>
29                   <?= $airplane2->addBox(5000) . ' kg'; ?> <br>
30                   <?= $airplane2->addBox(7000) . ' kg'; ?> <br>
31                   <?= $airplane2->addBox(3000) . ' kg'; ?> <br>
32                   <?= $airplane2->addBox(4000) . ' kg'; ?> <br>
33                   <?= $airplane2->takeOff(); ?> <br>
```

Gambar 1 index.php

```php
28                   <b><?= $airplane2->getMaxLoad() . ' kg'; ?> <br></b>
29                   <?= $airplane2->addBox(5000) . ' kg'; ?> <br>
30                   <?= $airplane2->addBox(7000) . ' kg'; ?> <br>
31                   <?= $airplane2->addBox(3000) . ' kg'; ?> <br>
32                   <?= $airplane2->addBox(4000) . ' kg'; ?> <br>
33                   <?= $airplane2->takeOff(); ?> <br>
34                   <?= $airplane2->fly(); ?> <br>
35                   <?= $airplane2->land(); ?> <br>
36
37                   <?php
38                       echo "Jadi, Butuh Bahan Bakar sebanyak " . $airplane2->calcFuelNeeds() . ' Liter'. '<br>';
39                   ?>
40                   <br>
41                   <?= $superman2->eat(); ?> <br>
42                   <?= $superman2->land(); ?> <br>
43                   <?= $superman2->takeOff(); ?> <br>
44                   <?= $superman2->fly(); ?> <br>
45                   <?= $superman2->leapBuilding(); ?> <br>
46                   <?= $superman2->stopBullet(); ?> <br>
47               </div>
48           </div>
49       </div>
50   </body>
51
52   </html>
```

Gambar 2 index.php

```php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2    <?php
3
4    abstract class Vehicle {
5        private $load = 0;
6        protected $maxLoad = 0, $name;
7
8        protected function __construct($maxLoad, $name) {
9            $this->$maxLoad = $maxLoad;
10           $this->$name = $name;
11       }
12
13       public function getLoad() {
14           return $this->load;
15       }
16
17       public function getMaxLoad() {
18           echo 'Maksimal muatan ' . $this->name . ' ' ;
19           return $this->maxLoad;
20       }
21
22       public function addBox($weight) {
23           if ($this->load >= $this->maxLoad) {
24               echo "$this->name menambah muatan sebesar $weight <br>";
25               echo 'Muatan telah penuh tidak bisa menambah lagi';
26           }else {
27               $this->load += $weight;
28               echo "$this->name menambah muatan sebesar $weight";
29           }
30       }
31
32       abstract public function calcFuelNeeds();
33
```

Gambar 1 abstract.php

```php
33
34       protected function calcFuelEfficiency() {
35           $range = 50000000;
36           $range /= $this->load;
37           return $range;
38       }
39
40       protected function calcTripDistance() {
41           return 500;
42       }
43   }
```

Gambar 2 abstract.php

```php
1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3    <?php
4
5    interface Flyer {
6        public function takeOff();
7        public function land();
8        public function fly();
9    }
10
11   interface Sailer {
12       public function dock();
13       public function cruise();
14   }
```

Gambar interface.php

Output

<--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->

PBO - Praktikum 6

Soal 3

Serigala sedang makan
Alex sedang makan

Maksimal muatan Asia Air 20000 kg
Asia Air menambah muatan sebesar 5000 kg
Asia Air menambah muatan sebesar 7000 kg
Asia Air menambah muatan sebesar 3000 kg
Asia Air menambah muatan sebesar 4000 kg
Asia Air lepas landas
Asia Air dalam perjalanan
Asia Air mendarat
Jadi, Butuh Bahan Bakar sebanyak 6 Liter

Superman sedang makan
Superman melawan Batman
Superman mengejar Batman
Superman melancarkan pukulan
Batman terpental menabrak bangunan pencakar langit
Polisi menembaki Superman namun ditangkis

Gambar output No. 3

4. Buat program berdasarkan UML berikut
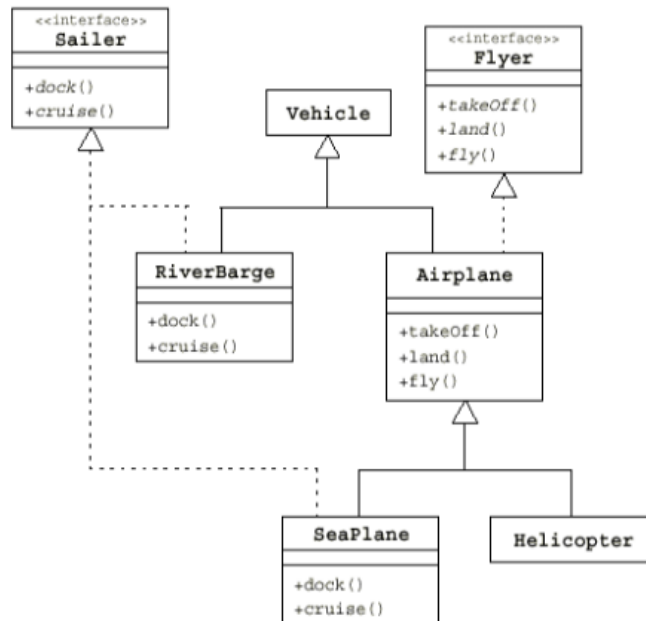
Source Code

```
No 4 >  No4.php
  1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
  2
  3    <?php
  4
  5    require_once 'abstract.php';
  6    require_once 'interface.php';
  7
  8  v class RiverBarge2 extends Vehicle implements Sailer {
  9  v      public function __construct($maxLoad, $name) {
 10             $this->maxLoad = $maxLoad;
 11             $this->name = $name;
 12         }
 13
 14  v      public function calcFuelNeeds() {
 15             $fuel = $this->calcFuelEfficiency();
 16             $trip = $this->calcTripDistance();
 17
 18             return ceil($fuel /= $trip);
 19         }
 20
 21  v      public function dock() {
 22             return $this->name . ' berada di dermaga';
 23         }
 24
 25  v      public function cruise() {
 26             return $this->name . ' sedang berlayar';
 27         }
 28     }
 29
 30  v class Airplane2 implements Flyer {
 31  v      public function takeOff() {
 32             return 'Pesawat lepas landas';
 33         }
```

Gambar 1 no 4.php

```php
34         public function land() {
35             return 'Pesawat mendarat';
36         }
37         public function fly() {
38             return 'Pesawat dalam perjalanan';
39         }
40 }
41
42 class SeaPlane extends Vehicle implements Sailer {
43     public function __construct($maxLoad, $name) {
44         $this->maxLoad = $maxLoad;
45         $this->name = $name;
46     }
47
48     public function calcFuelNeeds() {
49         $fuel = $this->calcFuelEfficiency();
50         $trip = $this->calcTripDistance();
51
52         return ceil($fuel /= $trip);
53     }
54
55     public function dock() {
56         return $this->name . ' berada di dermaga';
57     }
58
59     public function cruise() {
60         return $this->name . ' sedang berlayar';
61     }
62
63     public function takeOff() {
64         return $this->name . ' lepas landas';
65     }
66
```

Gambar 2 no 4.php

```php
67         public function land() {
68             return $this->name . ' mendarat';
69         }
70
71         public function fly() {
72             return $this->name . ' dalam perjalanan';
73         }
74 }
75
76 class Helicopter extends Vehicle {
77     public function __construct($maxLoad, $name) {
78         $this->maxLoad = $maxLoad;
79         $this->name = $name;
80     }
81
82     public function calcFuelNeeds() {
83         $fuel = $this->calcFuelEfficiency();
84         $trip = $this->calcTripDistance();
85
86         return ceil($fuel /= $trip);
87     }
88     public function takeOff() {
89         return $this->name . ' lepas landas';
90     }
91
92     public function land() {
93         return $this->name . ' mendarat';
94     }
95
96     public function fly() {
97         return $this->name . ' dalam perjalanan';
98     }
99 }
```

Gambar 3 no 4.php

```php
 95          public function fly() {
 96              return $this->name . ' dalam perjalanan';
 97          }
 98      }
 99  }
100
101  $riverBarge2 = new RiverBarge2(80000, 'Titanic');
102  $seaPlane = new SeaPlane(20000, 'Sukoi');
103  $helicopter = new Helicopter(120000, 'Jet');
```

Gambar 4 no 4.php

```php
No 4 > index.php
 1   <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
 2
 3   <?php
 4       require_once 'no4.php';
 5   ?>
 6
 7   <!DOCTYPE html>
 8   <html lang="en">
 9
10   <head>
11       <!-- Bootstrap CSS -->
12       <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
13       integrity="sha384-1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous">
14
15       <title>PBO - Praktikum 6</title>
16   </head>
17   <body>
18           <h2 class="text-center">PBO - Praktikum 6</h2>
19           <div class="container">
20       <div class="row">
21       <h4 class="text-center"><strong>Soal 4</strong></h4>
22       <br><br>
23       <div class="col-4 mx-auto border p-2 mt-2">
24               <b><?= $riverBarge2->getMaxLoad() . ' kg'; ?> <br></b>
25               <?= $riverBarge2->addBox(12000) . ' kg'; ?> <br>
26               <?= $riverBarge2->addBox(14000) . ' kg'; ?> <br>
27               <?= $riverBarge2->addBox(1000) . ' kg'; ?> <br>
28               <?= $riverBarge2->addBox(3000) . ' kg'; ?> <br>
29               <?= $riverBarge2->dock(); ?> <br>
30               <?= $riverBarge2->cruise(); ?> <br>
31               <?php
32                   echo "Jadi, Butuh Bahan Bakar sebanyak " . $riverBarge2->calcFuelNeeds() . ' Liter'. '<br>';
33               ?>
```

Gambar 1 index.php

```
33                ?>
34        </div>
35        <div class="col-4 mx-auto border p-2 mt-2">
36                <b><?= $seaPlane->getMaxLoad() . ' kg'; ?> <br></b>
37                <?= $seaPlane->addBox(12000) . ' kg'; ?> <br>
38                <?= $seaPlane->addBox(8000) . ' kg'; ?> <br>
39                <?= $seaPlane->dock(); ?> <br>
40                <?= $seaPlane->cruise(); ?> <br>
41                <?= $seaPlane->takeOff(); ?> <br>
42                <?= $seaPlane->fly(); ?> <br>
43                <?= $seaPlane->land(); ?> <br>
44                <?php
45                    echo "Jadi, Butuh Bahan Bakar sebanyak " . $seaPlane->calcFuelNeeds() . ' Liter'. '<br>';
46                ?>
47        </div>
48        <div class="col mx-auto border p-2 mt-2">
49                <b><?= $helicopter->getMaxLoad() . ' kg'; ?> <br></b>
50                <?= $helicopter->addBox(8000) . ' kg'; ?> <br>
51                <?= $helicopter->addBox(2000) . ' kg'; ?> <br>
52                <?= $helicopter->takeOff(); ?> <br>
53                <?= $helicopter->fly(); ?> <br>
54                <?= $helicopter->land(); ?> <br>
55                <?php
56                    echo "Jadi, Butuh Bahan Bakar sebanyak " . $helicopter->calcFuelNeeds() . ' Liter'. '<br>';
57                ?>
58        </div>
59    </div>
60 </div>
61 </body>
62
63 </html>
```

Gambar 2 index.php

```
No 4 >  🐘 abstract.php
    1    <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
    2
    3    <?php
    4
    5    abstract class Vehicle {
    6        private $load = 0;
    7        protected $maxLoad = 0, $name;
    8
    9        protected function __construct($maxLoad, $name) {
   10            $this->$maxLoad = $maxLoad;
   11            $this->$name = $name;
   12        }
   13
   14        public function getLoad() {
   15            return $this->load;
   16        }
   17
   18        public function getMaxLoad() {
   19            echo 'Maksimal muatan ' . $this->name . ' ' ;
   20            return $this->maxLoad;
   21        }
   22
   23        public function addBox($weight) {
   24            if ($this->load >= $this->maxLoad) {
   25                echo "$this->name menambah muatan sebesar $weight <br>";
   26                echo 'Muatan telah penuh tidak bisa menambah lagi';
   27            }else {
   28                $this->load += $weight;
   29                echo "$this->name menambah muatan sebesar $weight";
   30            }
   31        }
   32
```

Gambar 1 abstract.php

```php
33        abstract public function calcFuelNeeds();
34
35        protected function calcFuelEfficiency() {
36            $range = 50000000;
37            $range /= $this->load;
38            return $range;
39        }
40
41        protected function calcTripDistance() {
42            return 500;
43        }
44    }
```

Gambar 2 abstract.php

```php
1     <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->
2
3     <?php
4
5     interface Flyer {
6         public function takeOff();
7         public function land();
8         public function fly();
9     }
10
11    interface Sailer {
12        public function dock();
13        public function cruise();
14    }
```

Gambar interface.php

Output

<--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B ---> <--- Muhammad Dhafa Jawadil Ubaid ; 21091397058 ; 2021B --->

PBO - Praktikum 6
Soal 4

Maksimal muatan Titanic 80000 kg	**Maksimal muatan Sukoi 20000 kg**	**Maksimal muatan Jet 120000 kg**
Titanic menambah muatan sebesar 12000 kg	Sukoi menambah muatan sebesar 12000 kg	Jet menambah muatan sebesar 8000 kg
Titanic menambah muatan sebesar 14000 kg	Sukoi menambah muatan sebesar 8000 kg	Jet menambah muatan sebesar 2000 kg
Titanic menambah muatan sebesar 1000 kg	Sukoi berada di dermaga	Jet lepas landas
Titanic menambah muatan sebesar 3000 kg	Sukoi sedang berlayar	Jet dalam perjalanan
Titanic berada di dermaga	Sukoi lepas landas	Jet mendarat
Titanic sedang berlayar	Sukoi dalam perjalanan	Jadi, Butuh Bahan Bakar sebanyak 10 Liter
Jadi, Butuh Bahan Bakar sebanyak 4 Liter	Sukoi mendarat	
	Jadi, Butuh Bahan Bakar sebanyak 5 Liter	

Gambar output No. 4