



Home > My courses > PROG. S1 FAK. REGULER > REG - Genap 2023/2024 > [Reg] Dasar-Dasar Pemrograman 2 (A,B,C,D,E,F,G) Ge...
> Week 6: Inheritance and Polymorphism [EY] > Kuis Mingguan 6: Inheritance and Polymorphism

Started on	Friday, 8 March 2024, 4:20 PM
State	Finished
Completed on	Friday, 8 March 2024, 4:36 PM
Time taken	16 mins 9 secs
Marks	10.00/10.00
Grade	100.00 out of 100.00

Question 1


Correct

Mark 1.00 out of 1.00

```
class Person{}  
class Employee extends Person {}  
class Manager extends Employee {}  
class MarketingManager extends Manager {}  
class ProductManager extends Manager{}  
class ProjectManager extends Manager{}
```

Manakah potongan kode yang ketika dijalankan akan mengeluarkan output “false”?

Select one:

- ☐ a.
System.out.println(new MarketingManager() instanceof Person);
- ☒ b.
System.out.println(new Employee() instanceof Manager);

- ☐ c.
System.out.println(new ProductManager() instanceof ProductManager);
- ☐ d.
System.out.println(new ProjectManager() instanceof Employee);

Your answer is correct.

The correct answer is:

System.out.println(new Employee() instanceof Manager);

Question 2

Correct

Mark 1.00 out of 1.00

```
public class Bird {  
    public String fly() {  
        return "The bird is flying";  
    }  
}  
  
class Parrot extends Bird {  
    public String fly() {  
        return "The Parrot is flying";  
    }  
}  
  
class BlueParrot extends Parrot {}
```

Jika dibuat inisiasi `Bird bird1 = new BlueParrot()`, pemanggilan `System.out.println(bird1.fly())` akan mengembalikan ...

Select one:

- ☒ a. The Parrot is flying ✓
- ☐ b. The bird is flying The Parrot is flying
- ☐ c. Error
- ☐ d. The bird is flying

Your answer is correct.

The correct answer is: The Parrot is flying

Question 3

Correct

Mark 1.00 out of 1.00

Perhatikan kode berikut! Tentukan apa yang harus diisi pada tempat yang kosong (ditandai garis warna merah) untuk mendapatkan output "Sedang extra belajar.." ketika menjalankan `new Fasilkom().kuliah();`

```
class Fasilkom {  
    public void kuliah() {  
        Mahasiswa adi = new Mapres();  
        _____  
    }  
    public void belajar() {  
        System.out.println("Sedang belajar");  
    }  
}  
class Mahasiswa {}  
class Mapres extends Mahasiswa {  
    public void belajar() {  
        System.out.println("Sedang extra belajar..");  
    }  
}
```

Select one:

- ☐ a. (Mapres)adi.belajar();
- ☐ b. adi.belajar();
- ☒ c. ((Mapres)adi).belajar(); ✓
- ☐ d. (Mapres(adi)).belajar();

Your answer is correct.

The correct answer is: ((Mapres)adi).belajar();

Question 4

Correct

Mark 1.00 out of 1.00

```
1  class Person {}
2  class Employee extends Person {}
3  class Manager extends Employee {}
4  class MarketingManager extends Manager {}
5  class ProductManager extends Manager {}
6  class ProjectManager extends Manager {}
7
8  public class No10 {
9      public static void main(String[] args) {
10         Person person = new Person();
11         Employee employee = new Employee();
12         Manager manager = new Manager();
13         MarketingManager marketingManager = new MarketingManager();
14         ProductManager productManager = new ProductManager();
15         ProjectManager projectManager = new ProjectManager();
16     }
17 }
```

Dari pernyataan-pernyataan di bawah ini, manakah pernyataan yang benar?

Select one:

- ☐ a. (Person) Manager menyebabkan runtime error
- ☐ b. (Manager) ProductManager menyebabkan runtime error
- ☒ c. (MarketingManager) Person menyebabkan runtime error ✓
- ☐ d. (Employee) Employee menyebabkan runtime error

Your answer is correct.

The correct answer is: (MarketingManager) Person menyebabkan runtime error

Question 5

Correct

Mark 1.00 out of 1.00

```
1  class A {  
2      public A() {}  
3  
4      public void printB() {  
5          System.out.println("B");  
6      }  
7  
8      public void printC() {  
9          System.out.println("C");  
10     }  
11 }  
12  
13 class B extends A {  
14     public B() {  
15         System.out.println("AAA");  
16     }  
17  
18     public void printC() {  
19         System.out.println("CCC");  
20     }  
21  
22     public String toString() {  
23         return "HEEE";  
24     }  
25 }  
26
```

Berapa banyak method yang di-override oleh class B?

Select one:

- ☐ a. 4
- ☐ b. 3
- ☐ c. 1
- ☒ d. 2 ✓

Your answer is correct.

The correct answer is: 2

Question 6

Correct

Mark 1.00 out of 1.00

Manakah statement yang benar mengenai superclass dan subclass?

Select one:

- ☐ a. Variable dengan tipe data superclass bisa dicasting secara otomatis (implisit) ke tipe data subclass
- ☐ b. Subclass mewarisi constructor dan method superclass
- ☐ c. Superclass mewarisi variable subclass
- ☒ d. Semua class di Java merupakan subclass dari class Object ✓

Your answer is correct.

The correct answer is: Semua class di Java merupakan subclass dari class Object

Question 7

Correct

Mark 1.00 out of 1.00

Misalkan suatu class A memiliki variable count dengan visibility modifier private. Apabila suatu class B meng-extend class A, maka ...

Select one:

- ☐ a. Variable count dapat diakses di class B melalui this.count
- ☐ b. Variable count tidak dapat diakses di class B
- ☐ c. Variable count dapat diakses di class B melalui super.count
- ☒ d. Variable count dapat diakses di class B melalui getter dan setter dari class A yang visibility modifier nya non-private ✓

Your answer is correct.

The correct answer is: Variable count dapat diakses di class B melalui getter dan setter dari class A yang visibility modifier nya non-private

Question 8

Correct

Mark 1.00 out of 1.00

```
class A {  
    public void a1() {  
        System.out.println("a1");  
        a2();  
    }  
    public void a2() {  
        System.out.println("a2");  
    }  
}  
  
class B extends A {  
    public void a1() {  
        super.a1();  
        System.out.println("b1");  
    }  
    public void a2() {  
        super.a2();  
        System.out.println("b2");  
    }  
}
```

Output yang dihasilkan ketika menjalankan `new B().a1()` adalah...

Select one:

- ☐ a. a1
a2
b1
- ☐ b. a1
a2
a2
b1
- ☐ c. a1
a2

b1

b2

☐ d. a1

a2

b2

b1 ✓

Your answer is correct.

The correct answer is: a1

a2

b2

b1

Question 9

Correct

Mark 1.00 out of 1.00

Visibility modifier berikut memungkinkan superclass untuk menurunkan komponen yang diberikan modifier tersebut ke subclass, kecuali ...

Select one:

☐ a. Tidak ada jawaban yang benar

☒ b. private ✓

☐ c. public

☐ d. default

Your answer is correct.

The correct answer is: private

Question 10

Correct

Mark 1.00 out of 1.00

Berikut adalah pernyataan yang benar terkait inheritance, kecuali ...

Select one:

- ☐ a. Apabila constructor tidak didefinisikan pada suatu class, maka default constructor akan terbentuk secara otomatis
- ☐ b. Constructor dari superclass tidak diturunkan kepada subclass
- ☒ c. Pemanggilan keyword super dalam sebuah constructor subclass dapat diletakkan selain di baris pertama ✓
- ☐ d. Keyword final pada suatu class membuat class tersebut tidak bisa di-extend

Your answer is correct.

The correct answer is: Pemanggilan keyword super dalam sebuah constructor subclass dapat diletakkan selain di baris pertama