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Mingguan 1: Elementary Java Programming

Started on Monday, 29 January 2024, 9:31 PM

State Finished

Completed on Monday, 29 January 2024, 10:01 PM

Time taken 30 mins 2 secs

Marks 15.00/20.00

Grade 75.00 out of 100.00

Question 1

Correct

Mark 2.00 out of 2.00

Perhatikan dan lengkapi cuplikan bagian kosong nomor (1) pada code file "StatusUsia.java" berikut ini! (note- case sensitive, tanpa spasi)

```
import (1)_____;  
  
class (2)_____  
{  
    public static void main(String[] args) {  
  
        Scanner input = (3)_____(System.in);  
        int age = input.(4)____();  
  
        String status = "";  
  
        if(age < 13) status = "anak kecil";  
        else if(age < 19) status = "remaja";  
        else if(age < 35) status = "dewasa";  
        else if(age < 55) status = "pra lansia";  
        else status = "lansia";  
  
        System.out.printf("Status = %s\n", status);  
    }  
}
```

Answer: 

The correct answer is: java.util.Scanner

Question 2

Correct

Mark 2.00 out of 2.00

Perhatikan dan lengkapi cuplikan bagian kosong nomor (2) pada code file "StatusUsia.java" berikut ini! (note- case sensitive, tanpa spasi)

```
import (1)_____;  
  
class (2)_____  
{  
    public static void main(String[] args) {  
  
        Scanner input = (3)_____ (System.in);  
        int age = input.(4)_____();  
  
        String status = "";  
  
        if(age < 13) status = "anak kecil";  
        else if(age < 19) status = "remaja";  
        else if(age < 35) status = "dewasa";  
        else if(age < 55) status = "pra lansia";  
        else status = "lansia";  
  
        System.out.printf("Status = %s\n", status);  
    }  
}
```

Answer: StatusUsia



The correct answer is: StatusUsia

Question 3

Partially correct

Mark 1.00 out of 2.00

Perhatikan cuplikan code berikut ini, dan tentukan apa yang harus diisikan pada tempat kosong untuk mendapatkan output yang diharapkan:

OUTPUT YANG DIHARAPKAN =

1
2
3
5
6
7
8
9

```
public class Misteri{  
    public static void main(String[] args)  
    {  
        for (int i = 1; i < 10; i++) {  
            if (i == 4) {  
                _____  
            }  
            System.out.println(i);  
        }  
    }  
}
```

Answer: continue



The correct answer is: continue;

Question 4

Correct

Mark 2.00 out of 2.00

Perhatikan dan lengkapi cuplikan bagian kosong nomor (3) pada code file "StatusUsia.java" berikut ini! (note- case sensitive, tanpa spasi)

```
import (1)_____;  
  
class (2)_____  
{  
    public static void main(String[] args) {  
  
        Scanner input = (3)_____ (System.in);  
        int age = input.(4)_____();  
  
        String status = "";  
  
        if(age < 13) status = "anak kecil";  
        else if(age < 19) status = "remaja";  
        else if(age < 35) status = "dewasa";  
        else if(age < 55) status = "pra lansia";  
        else status = "lansia";  
  
        System.out.printf("Status = %s\n", status);  
    }  
}
```

Answer: new Scanner



The correct answer is: new Scanner

Question 5

Correct

Mark 2.00 out of 2.00

Apakah output dari cuplikan code berikut ini?

```
public class Doraemon {  
    public static void main(String[] args) {  
        String s = "Doraemon";  
        s = s + s.length();  
  
        System.out.println(s);  
    }  
}
```

Answer: Doraemon8



The correct answer is: Doraemon8

Question 6

Correct

Mark 1.00 out of 1.00

Perhatikan code berikut ini Apakah output dari (2)?

```
int a = 6;  
int b = 5;  
System.out.println(((--a > b) && (b++ < 6)) + " " + (a-- == b)); //1  
System.out.println(a); //2  
System.out.println(b); //3
```

Select one:

- ☐ a. 5
- ☐ b. 3
- ☒ c. 4 ✓
- ☐ d. 6

Your answer is correct.

The correct answer is: 4

Question 7

Correct

Mark 1.00 out of 1.00

Perhatikan code berikut ini. Statement manakah yang tidak benar?

```
import java.util.Scanner;
public class Sales
{
    public static void main(String[] args)
    {
        final int SALESPEOPLE = 5;
        int[] sales = new int[SALESPEOPLE];
        int sum;
        Scanner scan = new Scanner(System.in);
        for (int i=0; i<sales.length; i++){
            System.out.print("Enter sales for salesperson " + i + ": ");
            sales[i] = scan.nextInt();
        }
        System.out.println("\nSalesperson Sales");
        System.out.println("-----");
        sum = 0;
        for (int i=0; i<sales.length; i++){
            System.out.println(" " + i + " " + sales[i]);
            sum += sales[i];
        }
        System.out.println("\nTotal sales: " + sum);
    }
}
```

Select one:

- ☐ a. Program akan melakukan penjumlahan elemen array
- ☐ b. Program akan menerima input untuk setiap sales
- ☒ c. Jumlah salespeople dapat ditentukan user ✓
- ☐ d. Jumlah sales per salesperson dapat ditentukan user

Your answer is correct.

The correct answer is: Jumlah salespeople dapat ditentukan user

Question 8

Correct

Mark 1.00 out of 1.00

Perhatikan code berikut ini Apakah output dari (1)?

```
int a = 6;  
int b = 5;  
System.out.println(((--a > b) && (b++ < 6)) + " " + (a-- == b)); //1  
System.out.println(a); //2  
System.out.println(b); //3
```

Select one:

- ☐ a. false false
- ☒ b. false true ✓
- ☐ c. true true
- ☐ d. true false

Your answer is correct.

The correct answer is: false true

Question 9

Incorrect

Mark 0.00 out of 1.00

Perhatikan potongan code berikut ini. Tentukan outputnya!

```
public class NestedLoop2 {  
    public static void main(String[] args) {  
        int counter = 0;  
        for (int i = 0; i < 5; i++){  
            for (int j = 0; j < 5; j++){  
                for (int k = 0; k < 5; k++){  
                    if (j==2)  
                        break;  
                    counter++;  
                }  
            }  
        }  
        System.out.println(counter);  
    }  
}
```

Select one:

- ☐ a. 125
- ☐ b. 50
- ☐ c. 100
- ☒ d. 25 ✖

Your answer is incorrect.

The correct answer is: 100

Question 10


Incorrect

Mark 0.00 out of 1.00

Perhatikan potongan code berikut ini. Jika $x = 11$ dan $y = 9$, tentukan outputnya!

```
if(x<10)
if(y>10)
System.out.printf("*****");
else
System.out.printf("####");
System.out.printf("$$$$$");
```

Select one:

- ☐ a. \$\$\$\$
- ☐ b. #####
- ☒ c. *****\$\$\$\$ 
- ☐ d. program tidak mencetak apapun

Your answer is incorrect.

The correct answer is: \$\$\$\$

Question 11

Correct

Mark 1.00 out of 1.00

Perhatikan code berikut ini Apakah output dari (3)?

```
int a = 6;  
int b = 5;  
System.out.println(((--a > b) && (b++ < 6)) + " " + (a-- == b)); //1  
System.out.println(a); //2  
System.out.println(b); //3
```

Select one:

- ☒ a. 5 ✓
- ☐ b. 6
- ☐ c. 4
- ☐ d. 3

Your answer is correct.

The correct answer is: 5

Question 12

Incorrect

Mark 0.00 out of 1.00

Perhatikan code berikut ini. Error yang terjadi pada baris:

```
1 public class JavaClass{
2     public static void main(String[] args){
3         System.out.println("This is my program");
4         int myVar = 2;
5         int AnotherVar = 4;
6         int my_other_var = 8;
7         int result = myVar + AnotherVar - my_other_var;
8         System.out.println("Result is %d",result);
9     }
10 }
```

Select one:

- ☐ a. Baris 6
- ☐ b. Baris 5
- ☒ c. Baris 7 ❌
- ☐ d. Baris 8

Your answer is incorrect.

The correct answer is: Baris 8

Question 13

Correct

Mark 1.00 out of 1.00

Perhatikan code berikut ini. Error yang terjadi pada baris:

```
1 public class Method{
2     public static void main(String[] args){
3         System.out.println("This is my program");
4         int myVar = 2;
5         int AnotherVar = 4;
6         int my_other_var = 8;
7         int return = myVar + AnotherVar - my_other_var;
8     }
9 }
```

Select one:

- ☐ a. Baris 6
- ☐ b. Baris 5
- ☒ c. Baris 7 ✓
- ☐ d. Baris 1

Your answer is correct.

The correct answer is: Baris 7

Question 14

Correct

Mark 1.00 out of 1.00

Berapa banyak tulisan "Welcome to Java" akan dicetak pada program berikut ini?

```
int count = 0;
```

```
do {
```

```
System.out.println("Welcome to Java");
```

```
count++;
```

```
} while (count < 10);
```

Select one:

- ☒ a. 10 ✓
- ☐ b. 11
- ☐ c. 0
- ☐ d. 9
- ☐ e. 8

The correct answer is: 10

Question 15

Incorrect

Mark 0.00 out of 0.50

Apakah hasil keluaran dari potongan program berikut ini:

```
int i = 1;  
int j = 1;  
while (i < 5) {  
    i++;  
    j = j * 2;  
}  
System.out.println(j);
```

Select one:

- ☒ a. 8 ✖
- ☐ b. 4
- ☐ c. 16
- ☐ d. 64
- ☐ e. 32

The correct answer is: 16

Question 16

Incorrect

Mark 0.00 out of 0.50

Apakah yang terjadi ketika kita menjalankan program java?

Select one:

- ☐ a. berkas bytecode akan di interpretasi oleh java virtual machine
- ☐ b. berkas source code .java akan di kompilasi menjadi bytecode
- ☒ c. berkas source code .java akan di kompilasi dan dijalankan oleh komputer ✖
- ☐ d. berkas executable akan dijalankan oleh komputer sebagaimana program lainnya
- ☐ e. berkas bytecode akan di jalan kan oleh operating system

The correct answer is: berkas bytecode akan di interpretasi oleh java virtual machine