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> Week 3: Arrays [EY] > Kuis Mingguan 3: Arrays

Started on	Thursday, 15 February 2024, 12:10 PM
State	Finished
Completed on	Thursday, 15 February 2024, 12:35 PM
Time taken	25 mins
Marks	12.00/12.00
Grade	**100.00** out of 100.00

Method berikut dimaksudkan untuk mencari rata-rata elemen pada array 2D. Jika terdapat bug, manakah baris kode yang mengandung bug?

```
1  public static double f(double[][] arrOfArrs) {
2          int ttl = 0;
3          int cnt = -5;
4          for(double[] arr:arrOfArrs) {
5                  for(int i=1; i<arr.length; i++) {
6                          ttl += arr[i];
7                          cnt += (int) 1.5;
8                  }
9          }
10         return (double) ttl/(cnt+5);
11 }
```

Select one:

○   a. Tidak terdapat bug

○   b. Baris 4

◉   c. Baris 5 ✓

○   d. Baris 3

○   e. Baris 7

Your answer is correct.

The correct answer is: Baris 5

Question 2

Correct Mark 1.00 out of 1.00

Manakah yang benar tentang array?

Select one:

- ○ a. Indeks pada array dimulai dari 1
- ⦿ b. Array pada Java bersifat mutable ✓
- ○ c. Jumlah elemen yang dapat dimuat pada suatu array bersifat dinamis (tidak fixed)
- ○ d. Untuk mengakses array arr pada indeks i, dapat menggunakan notasi arr{i}
- ○ e. Array pada Java bersifat immutable

Your answer is correct.

The correct answer is: Array pada Java bersifat mutable

Question 3

Correct Mark 1.00 out of 1.00

Apakah output dari program di bawah ini?

```java
int[][] arrA = {{2,5,1},{1,2,0},{0,1,5}};
int[] arrB = new int[9];
int c = 0;

for(int j=0; j<3; j++){
    for(int h=0; h<3; h++){
        arrB[c] = arrA[j][h];
        c++;
    }
}

for(int i=0; i<9; i++){
    System.out.print(arrB[i]);
}
```

Answer: 251120015 ✓

The correct answer is: 251120015

Question 4   Correct   Mark 1.00 out of 1.00

Diberikan 2 array berisi integer sebagai berikut

int[] arrA = {1,2,3,4,5,6};

int[] arrB = {2,5,10,17,26,37};

Program manakah yang dapat mengubah isi array arrA menjadi sama seperti arrB?

Select one:

a.
```
for(int i = 0; i<arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i];
}
```

b.
```
for(int i = 0; i<arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i] + 1;  ✓
}
```

c.
```
for(int i = 1; i<arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i];
}
```

d.
```
for(int i = 0; i<=arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i] + 1;
}
```

e.
```
for(int i = 1; i<arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i] + 1;
}
```

Your answer is correct.

The correct answer is:
```
for(int i = 0; i<arrA.length; i++){
    arrA[i] = arrA[i] * arrA[i] + 1;
}
```

Perhatikan program berikut!

```java
public class MyClass {
    public static void main(String args[]) {
      Scanner in = new Scanner(System.in);

        String word = in.nextLine();
        char[] wordArray = word.___(1)___;
        boolean isPolindrome = true;

        for (int i = 0; i < wordArray.___(2)___; i++){
            if (wordArray[i] != wordArray[___(3)___]){
                isPolindrome = false;
            }
        }

        if (isPolindrome){
            System.out.println(word + " is polindrome");
        }else{
            System.out.println(word + " is not polindrome");
        }

        in.close();
    }
}
```

Potongan code yang paling tepat untuk mengisi (1) adalah

Select one:

○ a. toArray

○ b. toArray()

○ c. toCharArray

◉ d. toCharArray() ✓

Your answer is correct.

The correct answer is: toCharArray()

Question 6

Correct   Mark 1.00 out of 1.00

Dari keempat potongan kode berikut, manakah yang dapat menyebabkan error ketika program di-compile.

Select one:

○ a. String[] myArray;
myArray = {"hai", "mahasiswa", "kelas DDP 2 E", ":D"};
System.out.println(myArray); ✓

○ b. String[] myArray = new String[]{"hai", "mahasiswa", "kelas DDP 2 E", ":D"};
System.out.println(myArray);

○ c. String[] myArray = {"hai", "mahasiswa", "kelas DDP 2 E", ":D"};
System.out.println(myArray);

○ d. String[] myArray;
myArray = new String[]{"hai", "mahasiswa", "kelas DDP 2 E", ":D"};
System.out.println(myArray);

Your answer is correct.

The correct answer is: String[] myArray;
myArray = {"hai", "mahasiswa", "kelas DDP 2 E", ":D"};
System.out.println(myArray);

Question 7

```
int[] arr1 = new int[3];
int[] arr2 = new int[3];
System.out.println(arr1 == arr2);
```

Apa hasil dari potongan kode program berikut?

Select one:

- ⦿ a. false ✓
- ○ b. Runtime error
- ○ c. Compilation error
- ○ d. true

Your answer is correct.

The correct answer is: false

Perhatikan program berikut!

```java
public class MyClass {
    public static void main(String args[]) {
      Scanner in = new Scanner(System.in);

        String word = in.nextLine();
        char[] wordArray = word.___(1)___;
        boolean isPolindrome = true;

        for (int i = 0; i < wordArray.___(2)___; i++){
            if (wordArray[i] != wordArray[___(3)___]){
                isPolindrome = false;
            }
        }

        if (isPolindrome){
            System.out.println(word + " is polindrome");
        }else{
            System.out.println(word + " is not polindrome");
        }

        in.close();
    }
}
```

Potongan code yang paling tepat untuk mengisi (2) adalah

Select one:

○   a. length ✓

○   b. large()

○   c. size()

○   d. range

Your answer is correct.

The correct answer is: length

Apakah output dari program di bawah ini?

```java
public class Arr01{
    public static void main(String[] args){
        int[] a = {1,2,3};
        int[] b = new int[3];
        int[] c = new int[3];
        c[0] = b[0];
        c[2] = 30;
        b[1] = 20;
        b = a;
        a[0] = 10;
        System.out.print(Arrays.toString(a));
        System.out.print(Arrays.toString(b));
        System.out.print(Arrays.toString(c));
    }
}
```

Select one:

○   a. [1, 2, 3][1, 20, 3][0, 0, 30]

○   b. [10, 2, 3][0, 20, 0][0, 0, 30]

○   c. [10, 2, 3][10, 2, 3][10, 2, 3]

◉   d. [10, 2, 3][10, 2, 3][0, 0, 30] ✔

○   e. [1, 2, 3][1, 2, 3][0, 0, 30]

Your answer is correct.

The correct answer is: [10, 2, 3][10, 2, 3][0, 0, 30]

Perhatikan program berikut!

```java
public class MyClass {
    public static void main(String args[]) {
      Scanner in = new Scanner(System.in);

        String word = in.nextLine();
        char[] wordArray = word.___(1)___;
        boolean isPolindrome = true;

        for (int i = 0; i < wordArray.___(2)___; i++){
            if (wordArray[i] != wordArray[___(3)___]){
                isPolindrome = false;
            }
        }

        if (isPolindrome){
            System.out.println(word + " is polindrome");
        }else{
            System.out.println(word + " is not polindrome");
        }

        in.close();
    }
}
```

Potongan code yang paling tepat untuk mengisi (3) adalah

Select one:

- ○   a. wordArray.length - (i - 1)

- ◉   b. wordArray.length - (i + 1) ✓

- ○   c. wordArray.length - i

- ○   d. wordArray.length

Your answer is correct.

The correct answer is: wordArray.length - (i + 1)

Question 11

Correct   Mark 1.00 out of 1.00

Apa syntax untuk mendeklarasikan dan menginisialisasi sebuah array dalam bahasa pemrograman Java?

Select one:

○   a. int myArray[] = {1, 2, 3};

○   b. int myArray = [1, 2, 3];

◉   c. int[] myArray = {1, 2, 3}; ✓

○   d. int[3] myArray = {1, 2, 3};

Your answer is correct.

The correct answer is: int[] myArray = {1, 2, 3};

Question 12

Correct   Mark 1.00 out of 1.00

Manakah inisialisasi array berikut yang salah?

Select one:

○   a. Object[] a = new Object[]{1,"2",'3'};

○   b. int[] d = {1, 2, 3};

◉   c. Tidak ada jawaban yang benar ✓

○   d. char[][] c = new char[][]{{'a',"2".charAt(0)}};

○   e. int[][] b = new int[2][3];

Your answer is correct.

The correct answer is: Tidak ada jawaban yang benar