

QUIS PRAKTIKUM
PEMROGRAMAN BERBASIS OBJEK

EFRIZAL
0110218024
INFORMATIKA

1. Declare an array of integers containing the first five prime numbers.

Jawaban :

```
int[] primes = {2,3,5,7,11};
```

2. Assume the array primes has been initialized as described in question 1. What does it contain after executing the following loop?

```
for (int i = 0; i < 2; i++)
{
    primes[4 - i] = primes[i];
}
```

Jawaban :

2, 3, 5, 3, 2 →

3. Assume the array primes has been initialized as described in question 1. What does it contain after executing the following loop?

```
for (int i = 0; i < 5; i++)
{
    primes[i]++;
}
```

Jawaban :

3, 4, 6, 8, 12 → pada proses looping, setiap isi dari indeks ke i, isi indeks ke i akan ditambah satu

4. Given the declaration

```
int[] values = new int[10];
```

write statements to put the integer 10 into the elements of the array values with the lowest and the highest valid index.

Jawaban :

```
int[] values = {1,2,3,4,5,6,7,8,9,10};
```

```
values[0] = 10;
```

```
values[9] = 10;
```

```
for (int i = 0; i < values.length; i++){
    System.out.print(values[i] + " , ");
}
```

5. Declare an array called words that can hold ten elements of type String .

Jawaban :

```
String[] name = new String[10]
```

6. Declare an array containing two strings, "Yes" , and "No" . '

Jawaban :

```
String[] answer = new String[2];
```

```
Answer[] = {"Yes","No"};
```

7. Write enhanced for loops for the following tasks.

a. Jawaban

```
For (int i=0; i<values.length; i++){  
    System.out.print(values[i] + " ");  
}
```

b. Jawaban

```
int[] values = {1,2,3,4,5,6,7,8,9,10};
```

```
int maks = values[0];
```

```
for (int i=0; i<values.length; i++){  
    if (values[i] >= maks){  
        maks = values[i];  
    }  
}
```

```
System.out.print(maks);
```

c. Jawaban

```
int[] values = {1,2,3,-4,5,6,7,-8,9,-10,-203};
```

```
int maks = 0;
```

```
for (int i=0; i<values.length; i++){
```

```
    maks++;
```

```
}
```

```
System.out.print(maks);
```