

Nama : Mohamad Rizki Hanif
Quis Pemrograman Berorintasi Objek

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

Jawaban :

```
int[] arr = {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};
```

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 :

```
Value = [0] = 10;
```

```
value = [10] = 10;
```

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

Jawaban :

String [] = new String[10];

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

Jawaban :

String[] words = {"Yes", "No"};

7. Write enhanced for loops for the following tasks.

a. Printing all elements of an array in a single row, separated by spaces.

Jawaban :

for (int I = 0; I < n; i++);

System.out.print (i+ " ");

b. Computing the maximum of all elements in an array.

Jawaban :

int i;

int max = arr[0];

for (i=1; i < arr.length; i++){

if (arr[i] > max){

max=arr[i]

}

return max;

}

c. Counting how many elements in an array are negative.

Jawaban :