

1. What is true about the enhanced **for** loop?

- (A) It is called the "for..each" loop.
- (B) It cannot be used to change the array
- (C) It is not possible to access specific array elements.
- (D) All of the above

2. Which of the following statement displays the **list** elements correctly?

```
int[] list = {11,22,33,44,55,66,77,88,99};
```

- (A) 

```
for (int k=0; list item; k++)  
    System.out.print(item + " ");
```
- (B) 

```
for (int item: list)  
    System.out.print(item + " ");
```
- (C) 

```
for (int k=0; int item; k++)  
    System.out.print(item + " ");
```
- (D) 

```
for (int k=0; list item; k++)  
    System.out.print(item[k] + " ");
```

3. Rewrite the old **for** loop program segment below with the enhanced **for** loop.

```
int list[ ] = {1,2,3,4,5,6};  
for (int k = 0; k < list.length; k++)  
    System.out.println(list[k]);
```

- (A) 

```
for (int number: list)  
    System.out.print(number + " ");
```
- (B) 

```
for (int number: list.length)  
    System.out.print(number + " ");
```
- (C) 

```
for (int k = 0; number: list)  
    System.out.print(number[k]);
```
- (D) This program segment cannot be converted to the new for loop.

4. Rewrite the old **for** loop program segment below with the enhanced **for** loop.

```
for (int k = 0; k < 10; k++)  
    System.out.println(k);
```

(A) `for (int number: k)`  
    `System.out.print(number + " ");`

(B) `for (int number: k.length)`  
    `System.out.print(k + " ");`

(C) `for (int k = 0; number: list)`  
    `System.out.print(number[k]);`

(D) This program segment cannot be converted to the new for loop.

5. Rewrite the **for** loop program segment below with the enhanced **for** loop.

```
int[] k = newint[10];  
for (int i = 0; i < 10; i++)  
    arr[i] = i;
```

(A) `int i = 0;`  
    `for (int number: k) {`  
        `number=i;`  
        `i++;`  
    `}`

(B) `for (int number: k.length)`  
    `number=k;`

(C) `for (int k = 0; number: list)`  
    `list[k]=k;`

(D) This program segment cannot be converted to the new for loop.