

You can preview this quiz, but if this were a real attempt, you would be blocked because:

This quiz is not currently available

Question 1

Not yet answered

Marked out of 1.00

What does the following code print out:

```
int c = 5;
for (int i = 0; i <= c; i++) {
    if (i%2==1){
        System.out.print("*");
    }
    else{
        System.out.print("#");
    }
}
```

1  
0  
#  
\*  
2  
3  
#  
\*  
4  
5  
#  
\*

Answer:

#\*#\*#\*

Question 2

Not yet answered

Marked out of 1.00

What are the value of y after the code executes?

```
int x = 20;
int y = 5;
int z = x * y;
x = z - y;
y = x % z;
z = 2 * z;
```

$$\begin{aligned} z &= 100 \\ x &= 95 \\ y &= 95 \% 100 = 95 \\ z &= 200 \end{aligned}$$

Answer: 95

**Question 3**

Not yet answered

Marked out of 1.00

```
4
5 public class Main {
6
7     public static void main(String[] args) {
8         String s="Ki Hajar Dewantoro";
9         String[] res =s.split(" ");
10
11        for(int i=res.length-1;i>0;--i)
12        {
13            System.out.print(i++ + " " +res[--i].substring(1));
14        }
15
16
17    }
18 }
```

What is the output of the program above?

Select one:

- a.2 ewantoro1 ajar
- b.2 Dewantoro1 ajar
- c.2 ewantoro ajar
- d.1 ewantoro1 ajar
- e.2 ewantoro1 Hajar

**Question 4**

Not yet answered

Marked out of 1.00

What does the following code print out:

```
int i=2;          0   1   2   3   4
int [] age = {10,15,20,25,30};
String [] name ={"Dela","Qoni","Kanti","Sabar","Mas"};
age[i] =age[i-1]-2;      age[2]= age[1]-2 = 15-2=13
System.out.print(name[i-2]+" "+age[i]);
```

Answer: **Dela 13**

**Question 5**

Not yet answered

Marked out of 1.00

```
5 public class Main {  
6     public static void main(String[] args) {  
7         String s="Ki Hajar Dewantoro";  
8         String[] res =s.split("a");  
9         System.out.print(res.length);  
10    }  
11 }  
12  
13 }
```

ki H | j | r DcN | ntoro

What is the output of the program above?

Select one:

- a.Error
- b.ajar
- c.Hajar
- d.Dewantoro
- e.Ki

4/  
||**Question 6**

Not yet answered

Marked out of 1.00

$$1 \% 2 + 10 / 2 - 3$$

$$= 1 + 5 - 3$$

$$= 3$$

What is the value of a after this operation: int a = 1%2+10/2-3

Answer:

3

## Question 7

Not yet answered

Marked out of 1.00

```
5 public class Main {  
6     public static void main(String[] args) {  
7         String s="Ki Hajar Dewantoro";  
8         String[] res =s.split(" ");  
9         System.out.print(res[2].substring(2,7));  
10    }  
11 }  
12  
13  
14  
15
```

6      1      2  
Ki Hajar Dewantoro  
o i 2 9 3 6 7 8  
Wanto

What is the output of the program above?

Select one:

- a.Dewantoro
- b.wantor
- c.Hajar
- d.wanto
- e.Dewantoro

## Question 8

Not yet answered

Marked out of 1.00

```
1 package uts;
2
3 public class Stars {
4
5     public static void main(String[] args) {
6
7         for (int i = 0; i < 4; i++) {
8             for (int j = 4; j > 0; j--) {
9                 System.out.print(" *");
10            }
11        System.out.println();
12    }
13 }
14 }
```

i	j	
0	4	* * * *
	3	* * * *
	2	* * * *
	1	
1	4	* * * *
	3	
	2	
	1	
2	4	
	3	
	2	
	1	
3	4	
	3	
	2	
	1	

What is the output of the program above?

Select one:

 \* There is no output produced The program above cannot be compiled

## Question 9

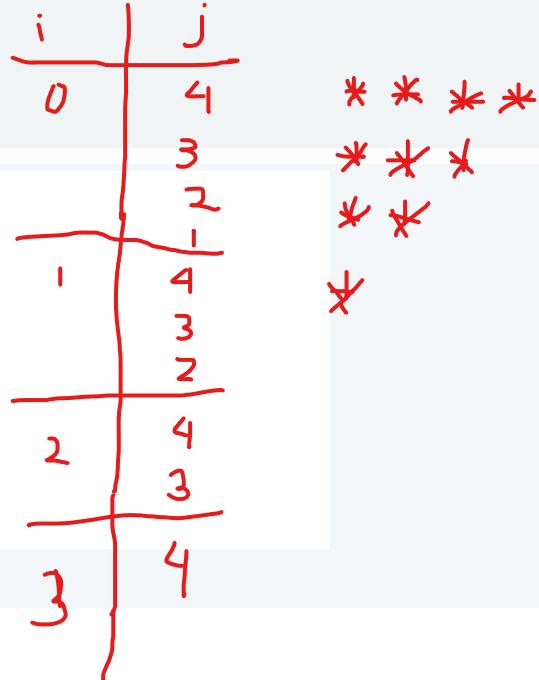
Not yet answered

Marked out of 1.00

```

1 package uts;
2
3 public class Stars {
4
5     public static void main(String[] args) {
6
7         for (int i = 0; i < 4; i++) {
8             for (int j = 4; j > i; j--) {
9                 System.out.print(" *");
10            }
11        }
12    }
13 }
14 }
```

What is the output of the program above?



Select one:

 \* \*\* \*\*\* \*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\*\*\* \*\*\* \*\* \* There is no output produced The program above cannot be compiled

## Question 10

Not yet answered

Marked out of 1.00

The output of this code is:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         String s="Ki Hajar Dewantoro";
9         String[] res=s.split(" ");
10        String[] res2=res;
11        res2[1]="Dino";
12        for(int i=res.length-1;i>0;--i)
13        {
14            System.out.print(res[--i].substring(0,3)+" "+res2[i]);
15        }
16    }
17 }
18 }
```

i = 2 >> res[1].substring(0,3)+" "+res2[1]

6 1 2  
ki Hajardewantoro  
0 1 2 3 4 5 6 7  
Ki Dino Dewantoro  
0 1 2 3 4 5 6 7

Answer:

Din Dino

**Question 11**

Not yet answered

Marked out of 1.00

The output of this code is:

```

4
5 public class Main {
6
7     public static void main(String[] args) {
8         String s="Ki Hajar Dewantoro";
9         String[] res =s.split(" ");
10
11        for(int i=res.length;i>0;--i)
12        {
13            System.out.print(--i+res[--i].substring(1));
14        }
15    }
16 }
```

0 1 2  
Ki | Hajar | Dewantoro  
0 1 2 3 4

Answer: **2ajar****Question 12**

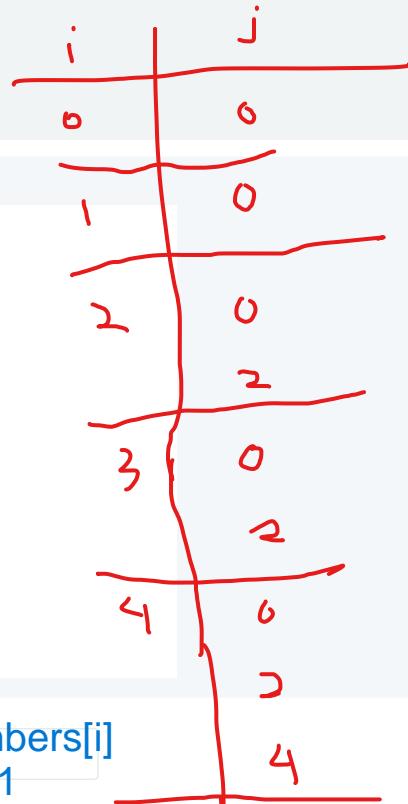
Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         int [] numbers ={1,2,3,4,5};
9         int sum=0;
10        for (int i=0;i<5;i++){
11            for (int j=0;j<=i;j+=2){
12                sum+=numbers[i];
13            }
14        }
15        System.out.println(sum);
16    }
17 }
```

Answer: **32**

$\text{sum} = \text{sum} + \text{numbers}[i]$   
 $i=0 \quad \text{sum} = 0 + 1 = 1$   
 $i=1 \quad \text{sum} = 1 + 2 = 3$   
 $i=2 \quad \text{sum} = 3 + 3 = 6$   
 $i=2 \quad \text{sum} = 6 + 3 = 9$   
 $i=3 \quad \text{sum} = 9 + 4 = 13$   
 $i=3 \quad \text{sum} = 13 + 4 = 17$   
 $i=4 \quad \text{sum} = 17 + 5 = 22$   
 $i=4 \quad \text{sum} = 22 + 5 = 27$   
 $i=4 \quad \text{sum} = 27 + 5 = 32$

**Question 13**

Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         String [] names={"Dita","Leni","Rafia", "Wati"};
9         String [] sal={"Dr","Prof.","dr.", "Ir."};
10        int i=names[1].indexOf('t')+1; -1 + 1 = 0
11        System.out.print(sal[i]+" "+names[i]);
12    }
13
14 }
```

0      1      2      3

sal[0]"+ " +names[0]

Answer: **Dr Dita****Question 14**

Not yet answered

Marked out of 1.00

How many times will "\*" be printed by the following loop?

```

4
5 public class Main {
6
7     public static void main(String[] args) {
8         int c=2;
9         int d=2;
10        while(c<=10){
11            System.out.print("*");
12            c+=d;
13            d+=5;
14        }
15    }
16
17 }
```

\* \*

c	d
2	2
7	7
12	

Select one:

- a.3
- b.2
- c.0
- d.7
- e.6

**Question 15**

Not yet answered

Marked out of 1.00

```
5 public class Main {  
6     public static void main(String[] args) {  
7         String s="Ki Hajar Dewantoro";  
8         String[] res =s.split(" ");  
9         for(int i=res.length-1;i>0;--i)  
10        {  
11            System.out.print(i-- + " " +res[--i]+ " ");  
12        }  
13    }  
14 }  
15  
16  
17  
18 }
```

res = Ki | Hajar | Dewantoro  
2

2 +" "res[0]+ " "  
2 Ki

What is the output of the program above?

Select one:

- a.2 Hajar
- b.2 Ki
- c.1 Hajar
- d.1 Ki
- e.2 Dewantoro

**Question 16**

Not yet answered

Marked out of 1.00

What are the value of x after the code executes?

```
int x = 20;  
int y = 5;  
int z = x * y;  
x = z - y;  
y = x % z;  
z = 2 * z;
```

z = 100  
x= 100-5 = 95  
y = 95%100 = 95  
z = 200

Answer:

95

**Question 17**

Not yet answered

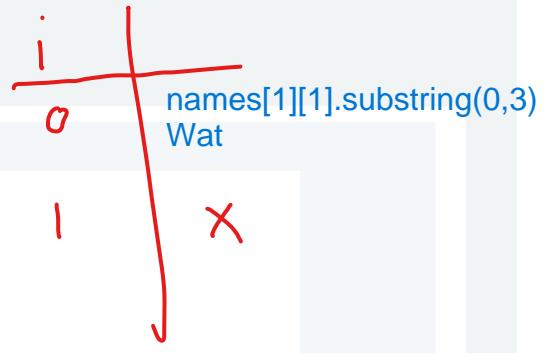
Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         String [][] names={
9             {"Dita", "Leni"}, 0
10            {"Rafia", "Wati"}, 1
11            {"Mrs.", "Miss"}, 2
12            {"Dr.", "dr."} 3
13        };
14
15        for(int i=0;i<names.length-2;i++)
16            System.out.print(names[+i][i].substring(0,3));
17
18    }
19
20

```

Answer: **Wat****Question 18**

Not yet answered

Marked out of 1.00

$$= 5/10 + (10-2)*5 - 3 \% 5$$

$$= 0 + (8)*5 - 3$$

$$= 40 - 3$$

$$= 37$$

What is the value of a after this operation: int a = 5/10+(10-2)\*5-3%5

Answer: **37**

## Question 19

Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         int a=299;
9         if (a%2==0 && a++>100){
10            System.out.print("a");
11        } else if (a/5 >=2){ ✓ 299/5 >= 2 true
12            System.out.print("i");
13        } else if (a/3 > 1) {
14            System.out.print("u");
15        } else {
16            System.out.print("eoeo");
17        }
18    }
19 }
```

Answer: 

i	sum = sum ++ i	++i	i ++
0	0+1=1	2	3
3	1+4=5	5	6
6	5+7=12	8	9
9	12+10=22	11	12

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         int sum=0; 14
9         for(int i=0;i<=10;i++){ 26
10            sum+=++i; 4
11            System.out.print(++i); 25
12        }
13        System.out.print(sum);
14    }
15
16 }
```

Answer:

**Question 21**

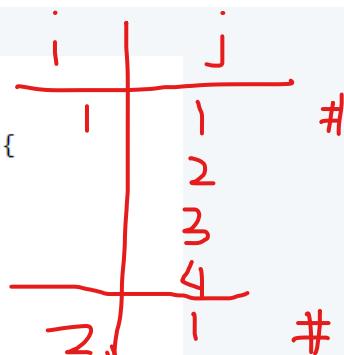
Not yet answered

Marked out of 1.00

How many times will "#" be printed by the following loop?

```

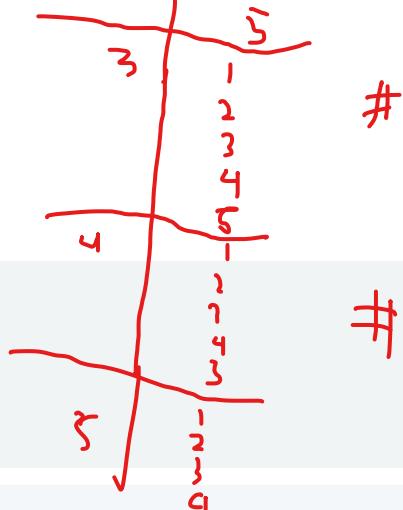
4
5 public class Main {
6
7     public static void main(String[] args) {
8         for (int i=1;i<=5;i++){
9             for(int j=1;j<5;j++){
10                 if (j==i || j/2>4){
11                     System.out.print("#");
12                 }
13             }
14         }
15     }
16 }
17 }
```



Select one:

- a. 8
- b. 5
- c. 10
- d. 4
- e. 7

# # # #

**Question 22**

Not yet answered

Marked out of 1.00

What does the following code print out:

```

String A = "Hello :)";
String B = "125";
String C = "";
C = A;
A = B;
B = C;
System.out.println(B); :
```

c = Hello :)  
 A = 125  
 B= Hello:)

Answer:

Hello :)

**Question 23**

Not yet answered

Marked out of 1.00

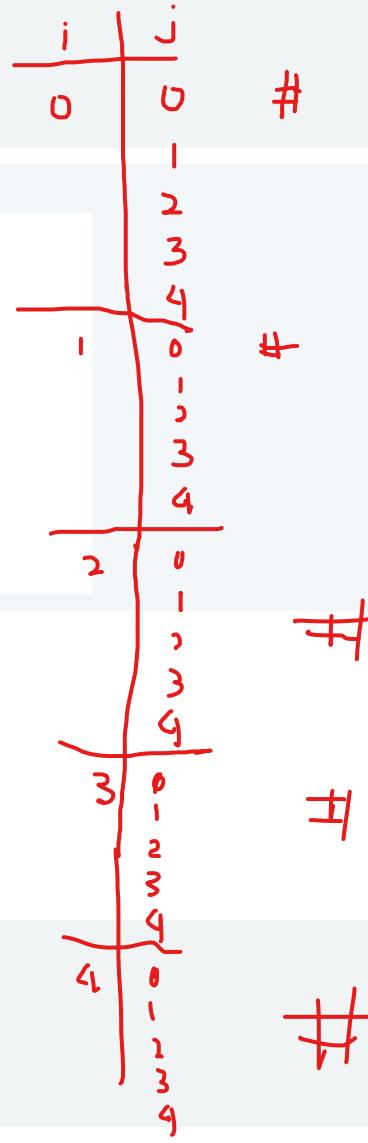
How many times will "#" be printed by the following loop?

```
int n=5;
for (int i=0;i<n;i++){
    for (int j=0;j<n;j++){
        if (i==j){
            System.out.print("#");
        }
    }
}
```

Select one:

- a. 6
- b. 8
- c. 12
- d. 5
- e. 7

# # # # #

**Question 24**

Not yet answered

Marked out of 1.00

What is the result of the following expression?

$$(10-9)-6+89 \% (4 + 6) \% 5$$

$1 - 6 + 89 \% 10 \% 5$   
 $1 - 6 + 9 \% 5$   
 Answer:  $-1$   
 $1 - 6 + 4$   
 $-1$

**Question 25**

Not yet answered

Marked out of 1.00

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

What is the last index of the array above?

Answer:

34

**Question 26**

Not yet answered

Marked out of 1.00

What is the output of this code?

```
5 public class Main {  
6  
7     public static void main(String[] args) {  
8         int [] data =[10,20,30,40,45,50];  
9         int i=data[0]/2; 1 2 3 4 5  
10        int x= data[i/2]/2;  
11        System.out.println(data[x/2-2]);  
12    }  
13 }  
14  
15
```

$$\begin{aligned} i &= \frac{10}{2} = 5 \\ x &= \frac{\text{data}[2]}{2} = \frac{30}{2} = 15 \end{aligned}$$

Select one:

- a.30
- b.40
- c.10
- d.20
- e.50

$$\text{data}\left[\frac{13}{2}-2\right] = \text{data}[7-2] = 50$$

**Question 27**

Not yet answered

Marked out of 1.00

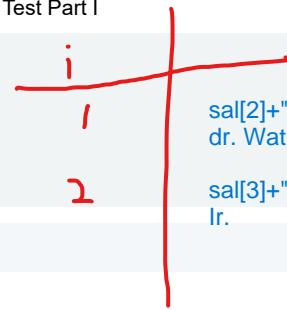
Suppose you have a String object, aString, which stores an integer value (e.g. "14"). Write the short statement to convert the String value to an int.

Answer:

**Question 28**

Not yet answered

Marked out of 1.00



sal[2]+" +names[3].substring(0,3)  
dr. Wat

sal[3]+" +names[4].substring(0,3)  
lr.

Answer: dr. Wat

**Question 29**

Not yet answered

Marked out of 1.00

How many times will "#" be printed by the following loop?

```

int c = 5;
for (int i = 0; i <= c; i++) {
    System.out.print("#");
}

```



Select one:

- a.5
- b.4
- c.7
- d.3
- e.6

## Question 30

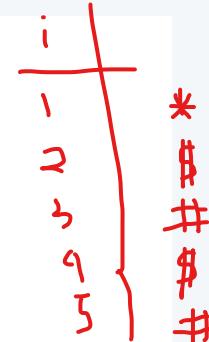
Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         for (int i=1;i<=5;i++){
9             if (i%2==1 && i>=3){
10                 System.out.print("#");
11             } else if (i%2>0){
12                 System.out.print("*");
13             }
14         } else{
15             System.out.print("$");
16         }
17     }
18 }
19 }
```



Answer: \*\$#\$#

## Question 31

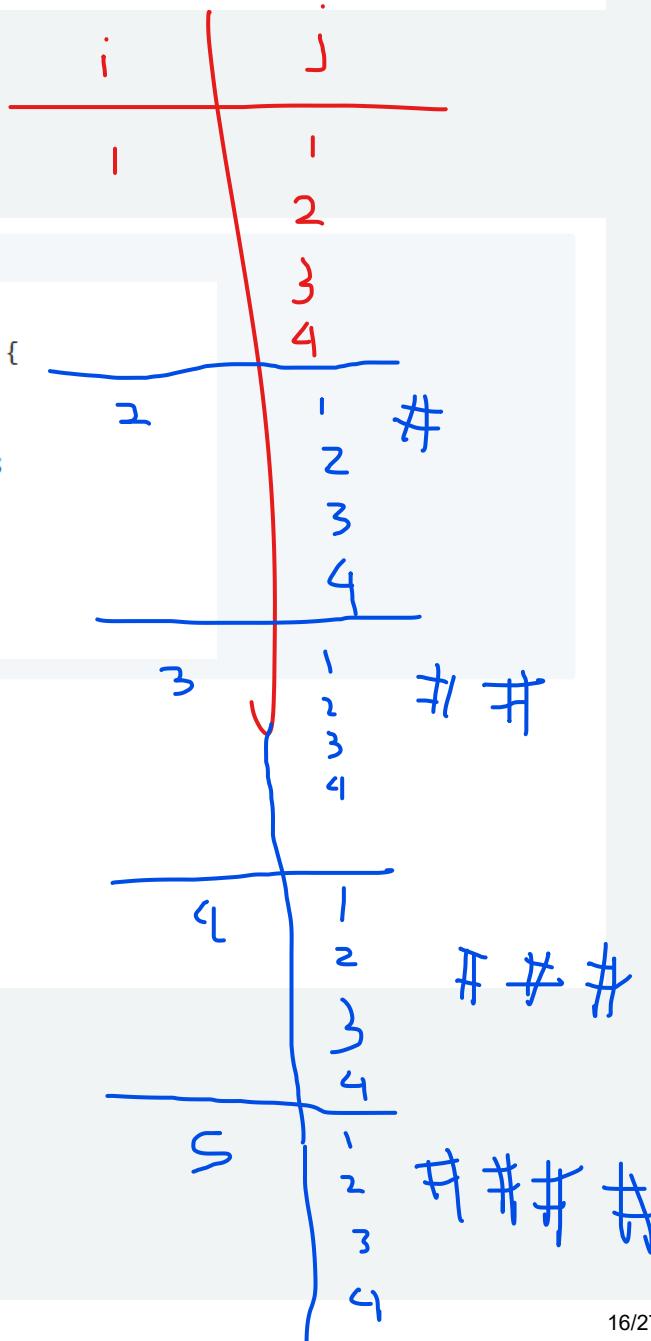
Not yet answered

Marked out of 1.00

How many times will "#" be printed by the following loop?

```

5 public class Main {
6
7     public static void main(String[] args) {
8         for (int i=1;i<=5;i++){
9             for(int j=1;j<5;j++){
10                 if (j<i || j>i){ ? }
11                     System.out.print("#");
12             }
13         }
14     }
15 }
16 }
```



Select one:

- a. 5
- b. 6
- c. 8
- d. 10
- e. 7

# # # # # # # # #

**Question 32**

Not yet answered

Marked out of 1.00

Which of the following data types is the default for decimal numbers?

Select one:

- a.float
- b.long
- c.short
- d.double

## Question 33

Not yet answered

Marked out of 1.00

What is the output of the following code:

```
5 public class Main {  
6  
7     public static void main(String[] args) {  
8         for (int i=1;i<=4;i++){  
9             for(int k=0;k< i;k++){  
10                System.out.print(" ");  
11            }  
12            for(int j=0;j<= 2*(4-i);j++){  
13                System.out.print("*");  
14            }  
15            System.out.println();  
16        }  
17    }  
18}  
19}  
20}  
21}
```

Select one:

- a. \*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*

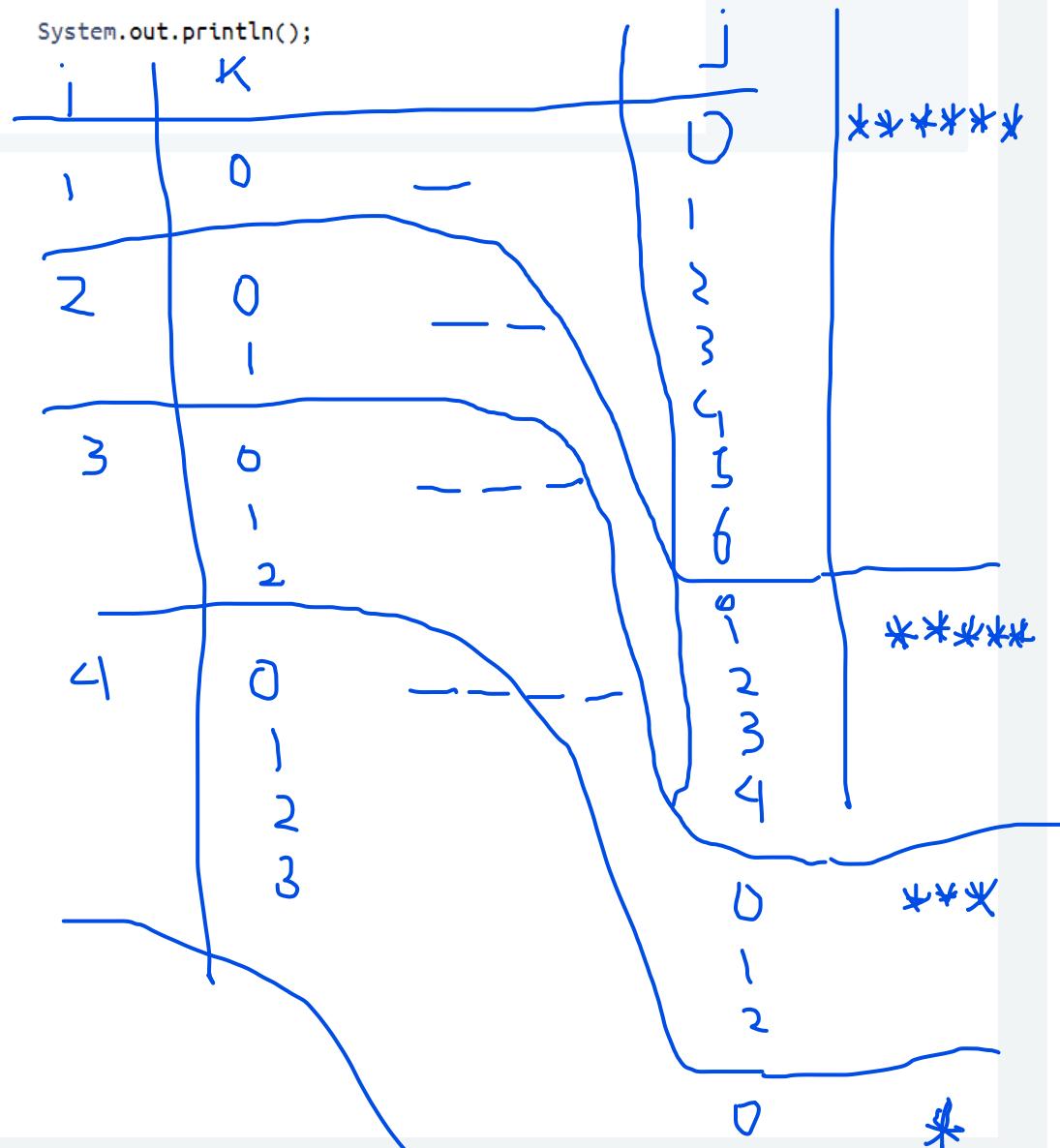
- b. \*  
\*\*  
\*\*\*  
\*\*\*\*  
\*\*\*\*\*

- c. \*\*\*\*\*  
\*\*\*\*\*  
\*\*\*  
\*

- d. \*  
\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*

- e. \*  
\*\*  
\*\*\*  
\*\*\*\*

- f. \*  
\*\*  
\*\*\*  
\*\*\*\*



**Question 34**

Not yet answered

Marked out of 1.00

1  
|  
|

**2****3**

What does the following code print out:

```
int num = 1;
for (int i = 1; i < 4; i++) {
    System.out.print(num + " ");
    num += num; 2 4
}
```

Answer:

**1 2 4****Question 35**

Not yet answered

Marked out of 1.00

What is the output of the following code:

```
5 public class Main {
6
7     public static void main(String[] args) {
8         String [] names={"Dita","Leni","Rafia", "Wati"};
9         String [] sal={"Dr","Prof.", "dr.", "Ir."};
10
11        for(String a:names)
12            System.out.print("dear"+a);
13    }
14 }
```

Answer:

**dearDitadearLenidearRafiadearWati**

**Question 36**

Not yet answered

Marked out of 1.00

What is the output of this code?

```
5 public class Main {  
6     ...  
7     public static void main(String[] args) {  
8         int [] data ={10,20,30,40,45,50};  
9         int i=data[0]; 0 1 2 3 4  
10        int x= data[i/3]/3;           i = 10  
11        System.out.println(data[x/4]);    x = data[10/3] /3 = data[3] / 3 = 40/3 = 13  
12    }  
13    ...  
14 }  
15 }
```

data[x/4] = data[13/4] = data[3] = 40

Select one:

- a.25
- b.20
- c.40
- d.10
- e.30

**Question 37**

Not yet answered

Marked out of 1.00

When the operands are integers, the following operator would return the integer result (quotient) of the operation:

Select one:

- a./
- b.+
- c.\*
- d.%

**Question 38**

Not yet answered

Marked out of 1.00

What does the following code print out:

```
String A = "Hello :)";
String B = "125";
String C = "";
C = A;
A = B;
B = C;
System.out.println(A);
```

**C = Hello :)**  
**A = 125**  
**B = Hello :)**

Answer: **125****Question 39**

Not yet answered

Marked out of 1.00

**num = num + i**  
**num = 1+0 = 1**  
**num = 1+1 = 2**  
**num = 2 + 2 = 4**

What does the following code print out:

```
int num = 1;
for (int i = 0; i < 4; i++) {
    System.out.print(num + " ");
    num += i;
}
```

i            1 1 2 4  
0  
1  
2  
3

Answer: **1 1 2 4****Question 40**

Not yet answered

Marked out of 1.00

**satu kali**

At least how many times will the code in a do-while loop be executed?

Answer: **|**

**Question 41**

Not yet answered

Marked out of 1.00

```

1 package uts;
2
3 public class ForExample2 {
4
5     public static void main(String[] args) {
6
7         int jamSekarang = 9;
8
9         if (jamSekarang > 4 & jamSekarang < 11)
10            System.out.println("Halo, selamat pagi!");
11            System.out.println("Pagi ini pagi yang cerah....");
12    }
13 }
```

What is the output of the program above?

Select one:

- a.Halo, selamat pagi!
- b.Pagi ini pagi yang cerah....
- c.Halo, selamat pagi!
   
 Pagi ini pagi yang cerah.... ✓
- d.The program above cannot be compiled
- e.There is no output produced

**Question 42**

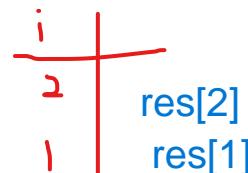
Not yet answered

Marked out of 1.00

```

5 public class Main {
6
7     public static void main(String[] args) {
8         String s="Ki Hajar Dewantoro";
9         String[] res =s.split(" ");
10
11         for(int i=res.length-1;i>0;--i)
12             System.out.print(res[i]+ " ");
13     }
14 }
```

res = Ki | Hajar | Dewantoro  
 0      1      2



What is the output of the program above?

Select one:

- a.Ki Hajar
- b.The code would produce an ArrayIndexOutOfBoundsException
- c.Dewantoro Hajar
- d.Dewantoro
- e.There is no output produced

**Question 43**

Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         int [] a={1,2,3,4,5};
9         int [] b={2,4,6,8,10};
10        int sum=0;
11        for (int i=1;i<5;i++){
12            sum += b[+i]+a[i];
13        }
14        System.out.print(sum);
15    }
16 }
```

$$\begin{array}{c} i \\ \hline 1 \\ 2 \\ 3 \\ 4 \end{array}$$
  

$$\text{sum} = \text{sum} + b[+i] + a[i]$$

$$\text{sum} = 0 + b[2] + a[2] = 0 + 6 + 3 = 9$$

$$\text{sum} = 9 + b[4] + a[4] = 9 + 10 + 5 = 24$$

Answer:

**24****Question 44**

Not yet answered

Marked out of 1.00

What is the name of the function you would need in a class so that Java would be able to run the class? (Write just the name.)

Answer:

**main****Question 45**

Not yet answered

Marked out of 1.00

The '+' operator would mean concatenation if at least one of the operands is a:

Select one:

- a.boolean
- b.String
- c.byte
- d.char

**Question 46**

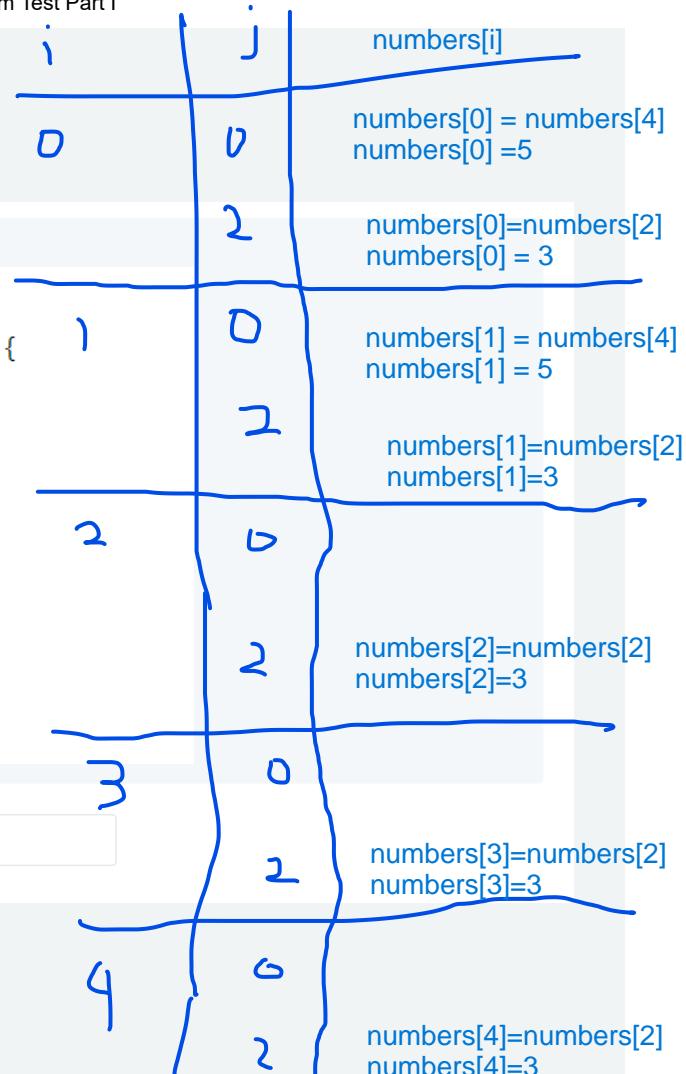
Not yet answered

Marked out of 1.00

What is the output of the following code:

```

5 public class Main {
6
7     public static void main(String[] args) {
8         int [] numbers ={1,2,3,4,5};
9         int sum=0;
10        for (int i=0;i<5;i++){
11            for (int j=0;j<=2;j+=2){
12                numbers[i]=numbers[4-j];
13            }
14        }
15        for(int a:numbers)
16            System.out.print(--a+" ");
17
18    }
19
20 }
```

**Question 47**

Not yet answered

Marked out of 1.00

Which of the following lines of code creates a variable to store "150" as a string?

Select one:

- a.int var = new int (150);
- b.string var=150;
- c.integer var =150;
- d.Sting var=150
- e.String var = "150";

**Question 48**

Not yet answered

Marked out of 1.00

$$\begin{aligned} n \% 6 &= 5 \\ 5 \% 6 &= 5 \end{aligned}$$

$$\begin{aligned} j < \frac{n}{3} & \\ j < \frac{5}{3} & \\ j < 1 & \end{aligned}$$

How many times will "#" be printed by the following loop?

```
int n=5;
for (int i=0;i<n%6;i++){
    for (int j=0;j<n/3;j++){
        System.out.print("#");
    }
}
```

i	j
0	0
1	0
2	0
3	0
4	0

# # # # #

Select one:

- a.5  
 b.6  
 c.12  
 d.8  
 e.7

**Question 49**

Not yet answered

Marked out of 1.00

What is the output of the following code:

```
5 public class Main {
6
7     public static void main(String[] args) {
8         String s="Ki Hajar Dewantoro";
9         System.out.print(s.concat(" Jr."));
10
11
12     }
13 }
```

Answer: **Ki Hajar Dewantoro Jr.** .

**Question 50**

Not yet answered

Marked out of 1.00

What is the output of the following code:

```
5 public class Main {  
6  
7     public static void main(String[] args) {  
8         int [] numbers ={1,2,3,4,5};  
9         int sum=0;  
10        for (int i=0;i<5;i++){  
11            for (int j=0;j<=2;j+=2){  
12                numbers[i]=numbers[4-j];  
13            }  
14        }  
15        for(int a:numbers)  
16            System.out.print(a+" ");  
17    }  
18}  
19}
```

Answer:

**2 2 2 2 2**

