Java Answers

1 points   ✓ Saved

What would be the result of the following statements?

String word = "abcde";

for (int i = 0; i <4; i+=2)

System.out.print(word.charAt(i));

- ○ a. ace
- ○ b. ab
- ● c. ac
- ○ d. bd

1 points   ✓ Saved

Which of the following data types is categorised as a floating data type?

○ a. int

○ b. byte

◉ c. float

○ d. long

1 points   Save Answer

ava runs on _____.

○ a. Windows

○ b. Unix/Linux

○ c. Mac

◉ d. All of the above

In a 'for' loop, what section of the loop is not included in the parentheses after 'for'?

○ a. Initialization

◉ b. Loop Body

○ c. Test Statement

○ d. Update

This is wrong

What will be the output of the program?

```
int i = 1, j = -1;

switch (i)

{

    case 0, 1: j = 1; /* Line 4 */

    case 2: j = 2;

    default: j = 0;

}

System.out.println("j = " + j);
```

○ a. j = -1

◉ b. j = 0

○ c. j = 1

○ d. Complilation will fail

Ans: Compilation will fail?

1 points ✔ Saved

What is the appropriate data type for the value 5.5?

○ a. int

○ b. Boolean

◉ c. Double

○ d. String

1 points ✔ Saved

What would be the result of the following statements?

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

System.out.println((nums[1] + nums[3]));
```

○ a. 1+3

○ b. 4

◉ c. 6

○ d. 2+4

1 points   Save Answer

Which loop will display each of the numbers in this array in a separate line?

float [ ] nums= {1.1f, 2.2f, 3.3f};

- a. for (i = 1; i <= 3; i++) System.out.println(nums[i]);

- b. for (i = 0; i <= 3; i++) System.out.println(nums[i]);

- c. for (i = 1; i < 3; i++) System.out.println(nums[i]);

- ◉ d. for (int i =0; i < 3; i++) System.out.println(nums[i]);

What is the output of the program?

```java
class selection_statements
{
    public static void main(String args[])
    {
        int var1 = 5;
        int var2 = 6;
        if ((var2 = 1) == var1)
            System.out.print(var2);
        else
            System.out.print(++var2);
    }
}
```

🔘 a. 2

○ b. 3

○ c. 4

○ d. 1

Question 10

For the created scanner object sc, which one of the following statements is incorrect when getting input?

○ a. int input = sc.nextInt()

🔘 b. String input = sc.next()

○ c. char input = sc.nextChar()

○ d. double input = sc.nextDouble()

Ans: c, no char input in java

Question 11

What would be the result of the following string?

String stringA = " Wild ";

String stringB = " Irish ";

String stringC = " Rose ";

String result = stringA.trim() + stringB + stringC.trim();

○ a. "WildIrishRose"

○ b. " Wild Irish Rose "

○ c. " Wild Irish Rose"

◉ d. "Wild Irish Rose"

Question 12

Which of the following statement implies that in order for the condition to happen, either x must be less than 3 or y must be greater than or equal to 4?

○ a. if ((x > 3) || (y < = 4))

◉ b. if ((x < 3) || (y > = 4))

○ c. if ((x < 3) && (y > 4))

○ d. if (x < 3 y >= 4)

Question 13

Which command is used to compile Java program in the command prompt?

- ○ a. javacomp
- ○ b. java
- ● c. javac
- ○ d. jcomp

Question 14

Which one of the following statements can correctly print out the words "Hello World!"?

- ○ a. System.in.print("Hello World!")
- ○ b. system.out.print("Hello World!")
- ◉ c. System.out.print("Hello World!")
- ○ d. system.in.print("Hello World!")

Question 15

Which of the given statements is true in reference to the below program?

```
public void test(int x)

{

    int odd = 1;

    if(odd) /* Line 4 */

    {

        System.out.println("odd");

    }

    else

    {

        System.out.println("even");

    }

}
```

○ a. The output will be "odd" for odd values of x, and "even" for even values.

○ b. The output will always be "even".

◉ c. The output will always be "odd".

○ d. Compilation will fail.

Ans: Compilation failed

Question 16

Given the declaration: int[ ] ar = {1,2,3,4,5}, what is the value of ar[3]?

○ a. 2

◉ b. 4

○ c. 5

○ d. 3

Question 17

To run Java program, which of the following is correct?

○ a. java HelloWorld.class

○ b. javac HelloWorld

● c. java HelloWorld

○ d. java HelloWorld.java

Question 18

Which of the following statements will give the output of "19.78"?

○ a. System.out.println(19.779)

● b. System.out.printf("%-5.2f", 19.779)

○ c. System.out.print("%-4.2f", 19.779)

○ d. System.out.printf("%-6.2f", 19.779)

Question 19

Which one of the following statements is incorrect?

○ a. String s = "hello"

○ b. integer i = 10

● c. double d = 0.8

○ d. char c = 'x'

Ans: b, its int not integer

Question 20

What is the output of the statement "System.out.print(sc.next().charAt(1))" if the user input is "Hello"?

○ a. ello

○ b. Hllo

● c. e

○ d. H

Question 21

Which is the correct statement for creating a scanner object to get user input?

● a. Scanner sc = new Scanner(System.in)

○ b. Scan sc = new Scan(System.in)

○ c. Scan sc = new Scan()

○ d. Scanner sc = new Scanner()

Question 22

What is the output of the program?

```
class operators

{

    public static void main(String args[])

    {

        int x = 8;

        System.out.println(++x * 3 + "," + x);

    }

}
```

- ⦿ a. 27,8
- ○ b. 24,9
- ○ c. 24,8
- ○ d. 27,9

Ans: 27,9

Question 23

What should be the file name of a Java source file?

- ○ a. method name
- ⦿ b. class name
- ○ c. no constraint
- ○ d. main

Which of the given statements is true in reference to the below program?

```java
public void foo( boolean a, boolean b)
{
    if( a )
    {
        System.out.println("A"); /* Line 5 */
    }
    else if(a && b){ /* Line 7 */
    {
        System.out.println("A && B");
    }
    else{ /* Line 11 */
    {
        if ( !b )
        {
            System.out.println( "notB");
        }
        else
        {
            System.out.println ("ELSE" );
        }
    }
}
```

⦿ a. If a is true and b is true then the output is "A && B"

○ b. If a is true and b is false then the output is "notB"

○ c. If a is false and b is true then the output is "ELSE"

○ d. If a is false and b is false then the output is "ELSE"

Ans is C

The default statement of a switch is always executed.

True

False

Ans: False