QUIZIZZ Worksheets

OOPSJAVA-UNIT2-TEST2

Total questions: 21

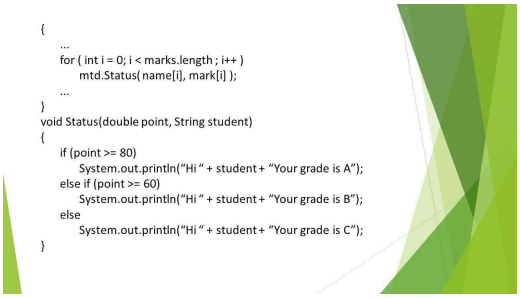
Worksheet time: 1hrs 3mins

Instructor name: Mr. PRASHANT ATMAKURI

Name

Class

Date

1. 

```
{
    ...
    for ( int i = 0; i < marks.length ; i++ )
        mtd.Status( name[i], mark[i] );
    ...
}
void Status(double point, String student)
{
    if (point >= 80)
        System.out.println("Hi " + student + "Your grade is A");
    else if (point >= 60)
        System.out.println("Hi " + student + "Your grade is B");
    else
        System.out.println("Hi " + student + "Your grade is C");
}
```

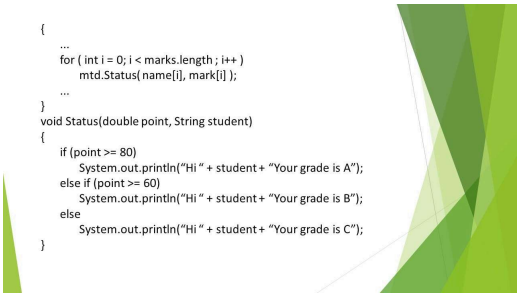
List all arguments that exist in this program segment:-

a) name, mark

b) point, student

c) double point, String student

d) name[i], mark[i]

2. 

```
{
    ...
    for ( int i = 0; i < marks.length ; i++ )
        mtd.Status( name[i], mark[i] );
    ...
}
void Status(double point, String student)
{
    if (point >= 80)
        System.out.println("Hi " + student + "Your grade is A");
    else if (point >= 60)
        System.out.println("Hi " + student + "Your grade is B");
    else
        System.out.println("Hi " + student + "Your grade is C");
}
```

List all parameters that exist in this program segment:-

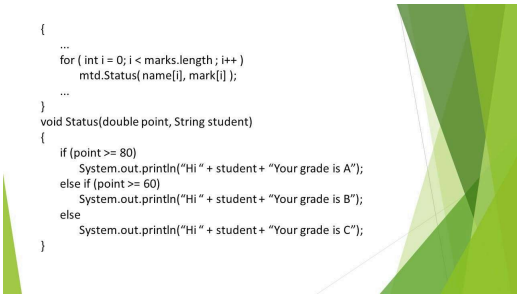
a) point, student

b) name, mark

c) name[i], mark[i]

d) double point, String student

3.



```
{
    ...
    for ( int i = 0; i < marks.length ; i++ )
        mtd.Status( name[i], mark[i] );
    ...
}
void Status(double point, String student)
{
    if (point >= 80)
        System.out.println("Hi " + student + "Your grade is A");
    else if (point >= 60)
        System.out.println("Hi " + student + "Your grade is B");
    else
        System.out.println("Hi " + student + "Your grade is C");
}
```

Identify the error that exist in this program segment:-

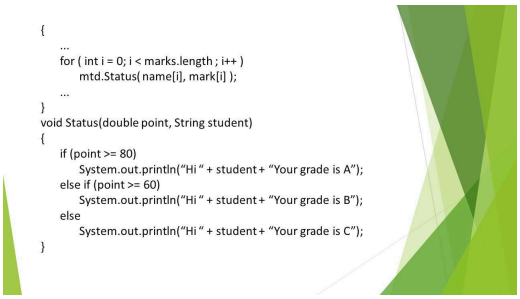
a) An array data type cannot be use as argument.

b) The variable name in parameter not as same with the argument.

c) The argument was not in the right sequence with the parameter.

d) Program consist 0 error.

4.



```
{
    ...
    for ( int i = 0; i < marks.length ; i++ )
        mtd.Status( name[i], mark[i] );
    ...
}
void Status(double point, String student)
{
    if (point >= 80)
        System.out.println("Hi " + student + "Your grade is A");
    else if (point >= 60)
        System.out.println("Hi " + student + "Your grade is B");
    else
        System.out.println("Hi " + student + "Your grade is C");
}
```

Identify the object that used to call a method.

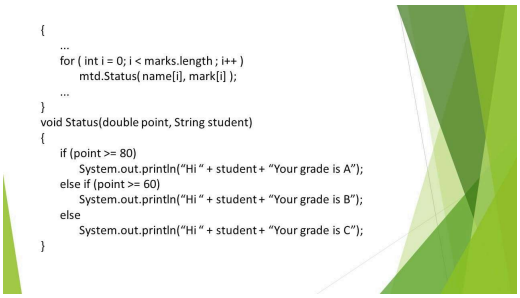
a) mtd

b) Status

c) void

d) name[i], mark[i]

5.



```
{
    ...
    for ( int i = 0; i < marks.length ; i++ )
        mtd.Status( name[i], mark[i] );
    ...
}
void Status(double point, String student)
{
    if (point >= 80)
        System.out.println("Hi " + student + "Your grade is A");
    else if (point >= 60)
        System.out.println("Hi " + student + "Your grade is B");
    else
        System.out.println("Hi " + student + "Your grade is C");
}
```

Fix the error by replacing with the correct java statement.

a) void Status (name[i], mark[i])

b) void Status (String name[i], double mark[i])

c) void Status(String student, double point)

d) int Status(String student, double point)

6. Create a method name Bonus that will read a basic payment and an hour variable as parameter to calculate an extra salary.

a)
```
double Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

b)
```
void Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
            extra = extra * 0.3;
    else if (point >= 2500)
        extra = extra * 0.4;
    else
        extra = extra * 0.5;
return extra;
}
```

c)
```
double Bonus(basic, hour)
{
    double extra;
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

d)
```
double Bonus(doble basic, double hour)
{
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

7.
```
double Bonus(doble basic, double hour)
{
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

Identify the error that exist in this method program:-

a) variable extra was unknown.
b) Wrong use of return method type
c) A wrong use of hour data type.
d) doble is not one of the data type

8.
```
void Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
            extra = extra * 0.3;
    else if (point >= 2500)
        extra = extra * 0.4;
    else
        extra = extra * 0.5;
return extra;
}
```

Identify the error that exist in this method program:-

a) A wrong use of hour data type.
b) Wrong use of return method type
c) doble is not one of the data type
d) variable extra was unknown.

9.

```
double Bonus(basic, hour)
{
    double extra;
    if (basic >= 5000)
          extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

Identify the error that exist in this method program:-

a) variable extra was unknown.

b) All of the parameters data type was not stated.

c) Wrong use of return method type

d) missing { } in if statement.

10.

```
double Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
          extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

What is the Output if the argument is (5500.00, 12.5)

a) 34,375.00

b) There will be no output.

c) 27,500.00

d) 20, 625.00

11.

```
double Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
          extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

What is the Output if the argument is (1300.00, 15.0)

a) 7,800.00

b) 9,750.00

c) 5,850.00

d) There will be no output.

12.

```
double Bonus(double basic, double hour)
{
    double extra;
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

What is the Output if the argument is (13.0, 2789.00)

a) 18,128.50
b) There will be no output.
c) 10,877.00
d) 14,502.00

13.

```
double Bonus(doble basic, double hour)
{
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

What is the Output if the argument is (1000.00, 14.30)

a) 7,150.00
b) There will be no output.
c) 5,720.00
d) 4,290.00

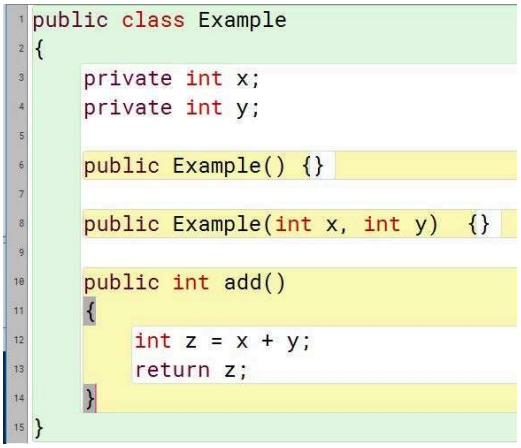
14.

```
double Bonus(doble basic, double hour)
{
    if (basic >= 5000)
            extra = basic * hour * 0.3;
    else if (point >= 2500)
        extra = basic * hour * 0.4;
    else
        extra = basic * hour * 0.5;
return extra;
}
```

Identify types of error that exist in this method program:-

a) runtime error
b) syntax error
c) Logic error

15.

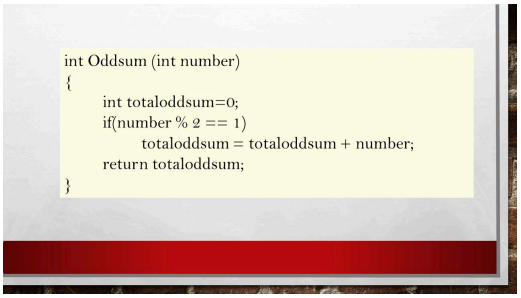


```
public class Example
{
    private int x;
    private int y;

    public Example() {}

    public Example(int x, int y)  {}

    public int add()
    {
        int z = x + y;
        return z;
    }
}
```

How many constructors does this Java class have?

a) 1
b) 3
c) 2
d) 0

16.



```
int Oddsum (int number)
{
    int totaloddsum=0;
    if(number % 2 == 1)
        totaloddsum = totaloddsum + number;
    return totaloddsum;
}
```

This is an example of a non-return method.

a) False
b) True

17. Write method header to **<u>Return a sales commission, given the sales amount and the commission rate</u>**

a) public static double getCommission(double salesAmount)
b) public static double getCommission(double salesAmount, double commissionRate)
c) public static double(double salesAmount, double commissionRate)
d) double getCommission(double salesAmount, double commissionRate)

18. Write method header to **Return a square root of a number**

a) public static double sqrt(double value)
b) public static void double sqrt(value)
c) public static void double sqrt(double value)
d) public static double sqrt(value)

19. The body of a method definition is contained within a set of _____.

a) curly braces
b) rectangle brackets
c) angle brackets
d) parentheses

20. Evaluate the following Java expression, if x=3, y=5, and z=10:
++z + y - y + z + x++

a) 24
b) 25
c) 20
d) 23

21. Which of the following for loop declaration is not valid?

a) for (int i = 20; i >= 2; - -i)
b) for (int i = 99; i >= 0; i / 9)
c) for (int i = 7; i <= 77; i += 7)
d) for (int i = 2; i <= 20; i = 2* i)

Answer Keys

1. d) name[i], mark[i]
2. d) double point, String student
3. c) The argument was not in the right sequence with the parameter.
4. a) mtd
5. c) void Status(String student, double point)
6. a)
7. a) variable extra was unknown. , d) doble is not one of the data type
8. b) Wrong use of return method type
9. b) All of the parameters data type was not stated.
10. d) 20, 625.00
11. b) 9,750.00
12. a) 18,128.50
13. b) There will be no output.
14. b) syntax error
15. c) 2
16. a) False
17. b) public static double getCommission(double salesAmount, double commissionRate)
18. a) public static double sqrt(double value)
19. a) curly braces
20. a) 24
21. b) for (int i = 99; i >= 0; i / 9)