

MIS 316-Fundamental of Programming I

Quiz 2

June 29th, 2020

Dr. Djamal Ziani

Exam charter

- This exam contains **11 questions**
- The duration of the quiz is **90 minutes**.
- During the exam, an absolute silence is required. All kinds of communication with the other students are strictly forbidden.
- In multiple answers question, if you choose for example 2 right answers among you will get 1 mark among 3 (2 correct answers – 1 bad answer).
- In multiple answers question, if you choose more than the maximum answers options, your answer will be invalidated.

Student identification

Name: Alanoud Alhammadi.....

ID: 201612104.....

Sequence Number:

Signature:

- By signing this form, the student recognizes that he/she understands and accepts the rules mentioned in the quiz charter. He/she recognizes also that if he/she does not respect these rules, the professor will take the appropriate measures including exclusion from the quiz -

Q1: (CO2) How you write in Java the array Names of 3 String containing the names: Ali, Saoud, Nacer? **(1 answer, 1 mark)**

- A. ☐ String Names = {"Ali", "Saoud", "Nacer"};
- B. ☐ String Names = {Ali, Saoud, Nacer};
- C. ☐ String[] Names = {Ali, Saoud, Nacer};
- A. ☐ String[] Names = { "Ali", "Saoud", "Nacer "};

Q2: (CO2) Give the result of this statements and what the value of x. **(1 mark)**

```
int x=43;
```

```
System.out.println("Result = " + x--);
```

Q3: (CO3) Write the signature of the java method named myMethod, which can be used only inside its own class. This method is a class method; it has 2 arguments X of type float and Y of type String, and returns a String value. **(1 mark)**

Q4: (CO3) Write the signature of the java method named myMethod, which can be used only by its class, subclasses and classes of the package of its class. This method is a class method; it has 3 arguments X of Type int, Y of type String, Z of type array of int, and this method return nothing. **(1 mark)**

Q5: (CO3) Write the signature of the java method named myMethod, which can be used everywhere. This method is a class method; it has 2 arguments X of Type String, Y of type array of float. This method return an array of int. **(1 mark)**

Q6: (CO3) Write the signature of the java method named myMethod, which can be used only by its class, subclasses and classes of the package of its class. This method is an instance method; it has 2 arguments, X is an array of String, Y of type array of float. This method return an array of Sting. **(1 mark)**

Q7: (CO3) If you want to do the following calculation, what method(s) (give the method signature) you propose doing this calculation easily? **(2 marks)**

$$1/n + 2/n + 3/n + \dots + M/n$$

n and **m** are number that the user will give to the program.

Q8: (CO3) If you want to print the following, what method(s) (give the method signature) you propose doing this print easily? **(2 marks)**

```
*****
```

```
*****
```

```
****
```

```
=====
```

```
=====
```

```
=====
```

Q9: (CO3) Give the tracing and the result of this code **(2 marks)**

```
int[] myArray = {5,4};  
String msg;  
for(int i=myArray.length-1; i>=0; i--){  
    msg = "";  
    for(int j=0; j<=i; j++){  
        msg = msg + myArray[i];  
    }  
    System.out.println(msg);  
}
```

Q10: (CO3) What instruction used in java to indicate that we want to use Math Class? (1 answer, 1 mark)

- A. ☐ public void Math()
- B. ☐ public Class Math {... }
- C. ☐ package Math;
- D. ☐ import mySave.Math;

Q11: (CO3) How to indicate in java that the method myMethod is class method? (1 answer, 1 mark)

- A. ☐ private void myMethod ()
- B. ☐ Class myMethod {... }
- C. ☐ private static Class myMethod
- D. ☐ static void myMethod ()