

Object-oriented Programming: 420-ENP-MT (GROUP 308)

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Quiz 2

10 marks

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1) Write a Java program to convert Celsius to Fahrenheit. Get the Celsius value from the user as a float and convert to Fahrenheit. (2 M)

*Note: fahrenheit = (9 / 5) * celsius + 32.*

2) Write a Java program to store the user inputs in an array and check the availability of a particular number that user wanted to check and prints the index of that value if find. (3 M)

Sample Execution :

Array = { 23, 34, -66, 0, 53, 6464, 22}

Looking for 53 : found at index 4

Looking for 66 : Not found

3) Using Java, Build new classes for three real-world objects that you observed at Cegep with appropriate attributes and methods.(2 M)

4) Write a java program to print the following pyramid (2 M)

```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```

5) Change the code and print 013 (1M)

```
public class BirdHouse {
    public static void main(String[] args) {
        String r = "0";
        int x = -1, y = -5;
        if(x < 5)
            if(y > 0)
                if(x > y)
                    r += "1";
                else r += "2";
            else r += "3";
        else r += "4";
        System.out.println(r);
    } }
```