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Activity #1

Direction:

On your own PC, Laptop, Mobile phone, kindly simulate the given steps. Make sure to screenshots your output.

Name: Kimberly Louise M. Ravalo

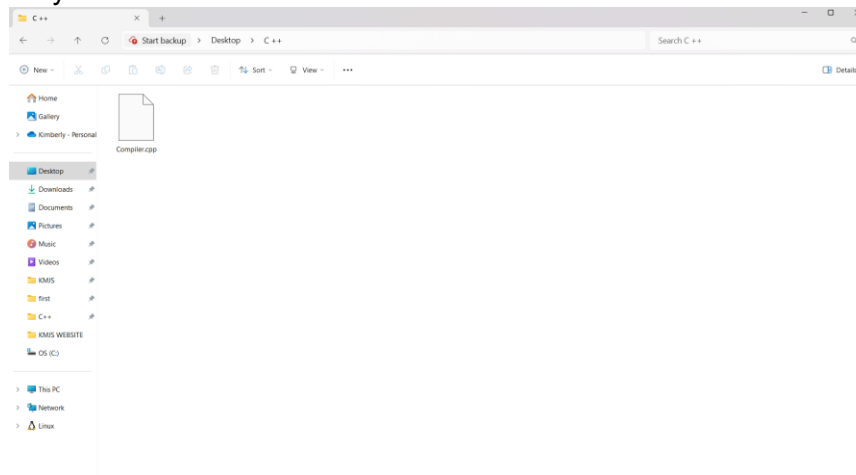
Date: September 28, 2024

Yr&Section: BSIT-4F

Subject code: ITEC 111

Compiler (C++)

1. Screenshot of your folder



2. Screenshot of your IDE / CMD

```
Command Prompt
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

C:\Users\luis ravalo>g++ --version
g++ (Rev1, Built by MSYS2 project) 14.2.0
Copyright (C) 2024 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

C:\Users\luis ravalo>cd C:\Users\luis ravalo\Desktop\C ++
C:\Users\luis ravalo\Desktop\C ++>g++ Compiler.cpp
C:\Users\luis ravalo\Desktop\C ++>
```

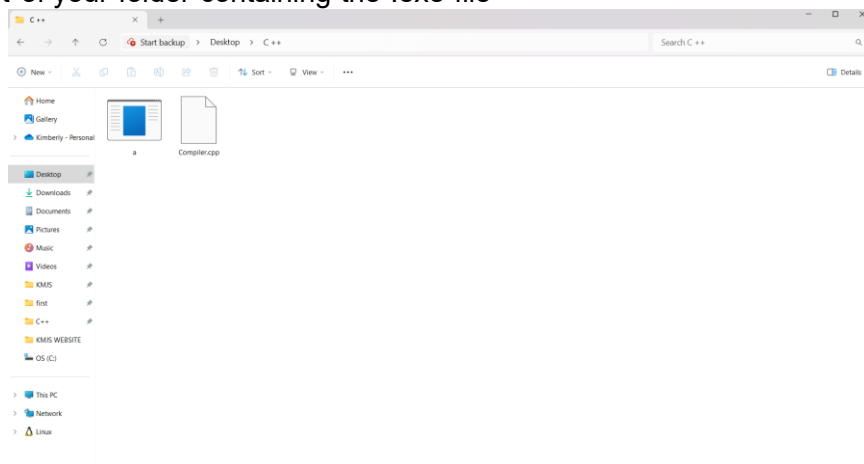
3. Screenshot of your code

```
#include <iostream>

using namespace std;

int main() {
    cout << "Hello, World!" << endl;
    return 0;
}
```

4. Screenshot of your folder containing the .exe file



5. Screenshot of your output

```
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

C:\Users\luis raval>g++ --version
g++ (Rev1, Built by MSYS2 project) 14.2.0
Copyright (C) 2024 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

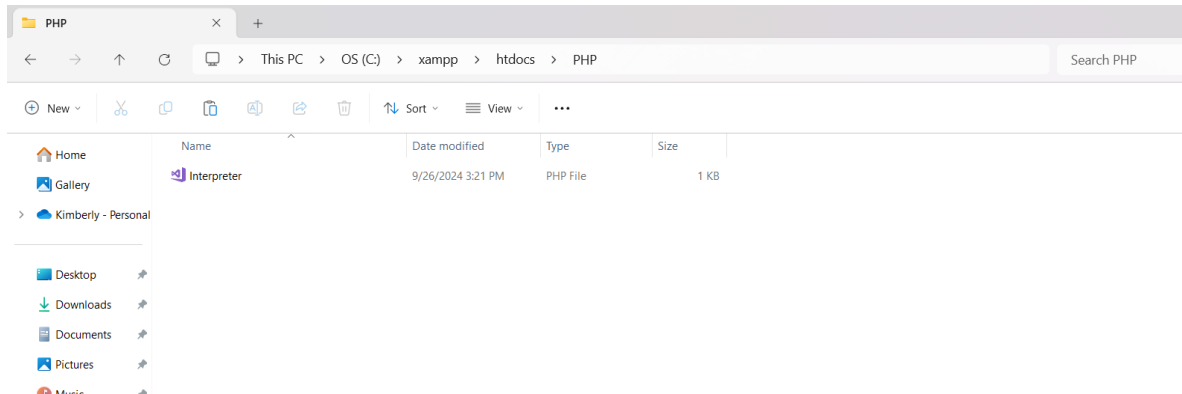
C:\Users\luis raval>cd C:\Users\luis raval\Desktop\C ++

C:\Users\luis raval\Desktop\C ++>g++ Compiler.cpp

C:\Users\luis raval\Desktop\C ++>a.exe
Hello, World!
```

Interpreter (PHP)

1. Screenshot of your folder



2. Screenshot of your IDE / CMD

```
Command Prompt
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

C:\Users\luis ravallo>php -v
PHP 8.3.12 (cli) (built: Sep 24 2024 20:22:14) (NTS Visual C++ 2019 x64)
Copyright (c) The PHP Group
Zend Engine v4.3.12, Copyright (c) Zend Technologies

C:\Users\luis ravallo>cd C:\xampp\htdocs\PHP

C:\xampp\htdocs\PHP>php Interpreter.php
Hello, world!
C:\xampp\htdocs\PHP>
```

3. Screenshot of your code

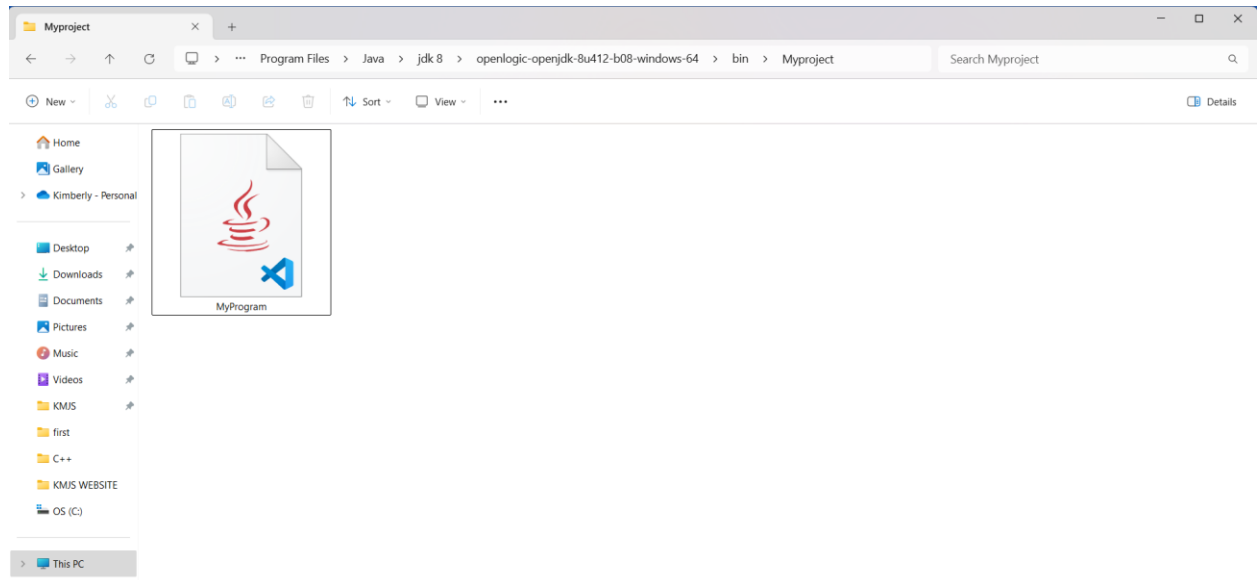
```
<?php
echo "Hello, world!";
?>
```

4. Screenshot of your output

```
C:\xampp\htdocs\PHP>php Interpreter.php
Hello, world!
```

Intermediate / Hybrid (Java)

1. Screenshot of your folder



2. Screenshot of your IDE / CMD

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

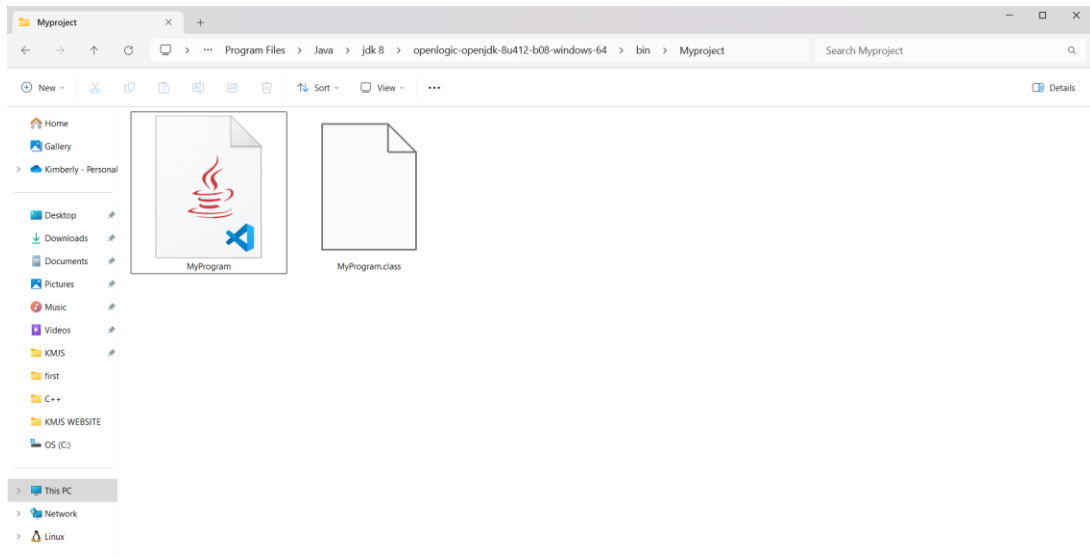
C:\Windows\System32>java -version
java version "1.8.0_421"
Java(TM) SE Runtime Environment (build 1.8.0_421-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.421-b09, mixed mode)

C:\Windows\System32>cd C:\Program Files\Java\jdk 8\openlogic-openjdk-8u412-b08-windows-64\bin\Myproject
C:\Program Files\Java\jdk 8\openlogic-openjdk-8u412-b08-windows-64\bin\Myproject>javac MyProgram.java
```

3. Screenshot of your code

```
public class MyProgram {
    public static void main(String[] args) {
        System.out.println("Hello from Java!");
    }
}
```

4. Screenshot of your folder containing the .class file



5. Screenshot of your output

```
C:\Program Files\Java\jdk 8\openlogic-openjdk-8u412-b08-windows-64\bin\Myproject>java MyProgram  
Hello from Java!
```