

Fundamental Programming Structure

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First Java Program

Say Hello to World

```
import java.io.*;

public class Main {

    public static void main(String[] args){

        System.out.println("Hello World");

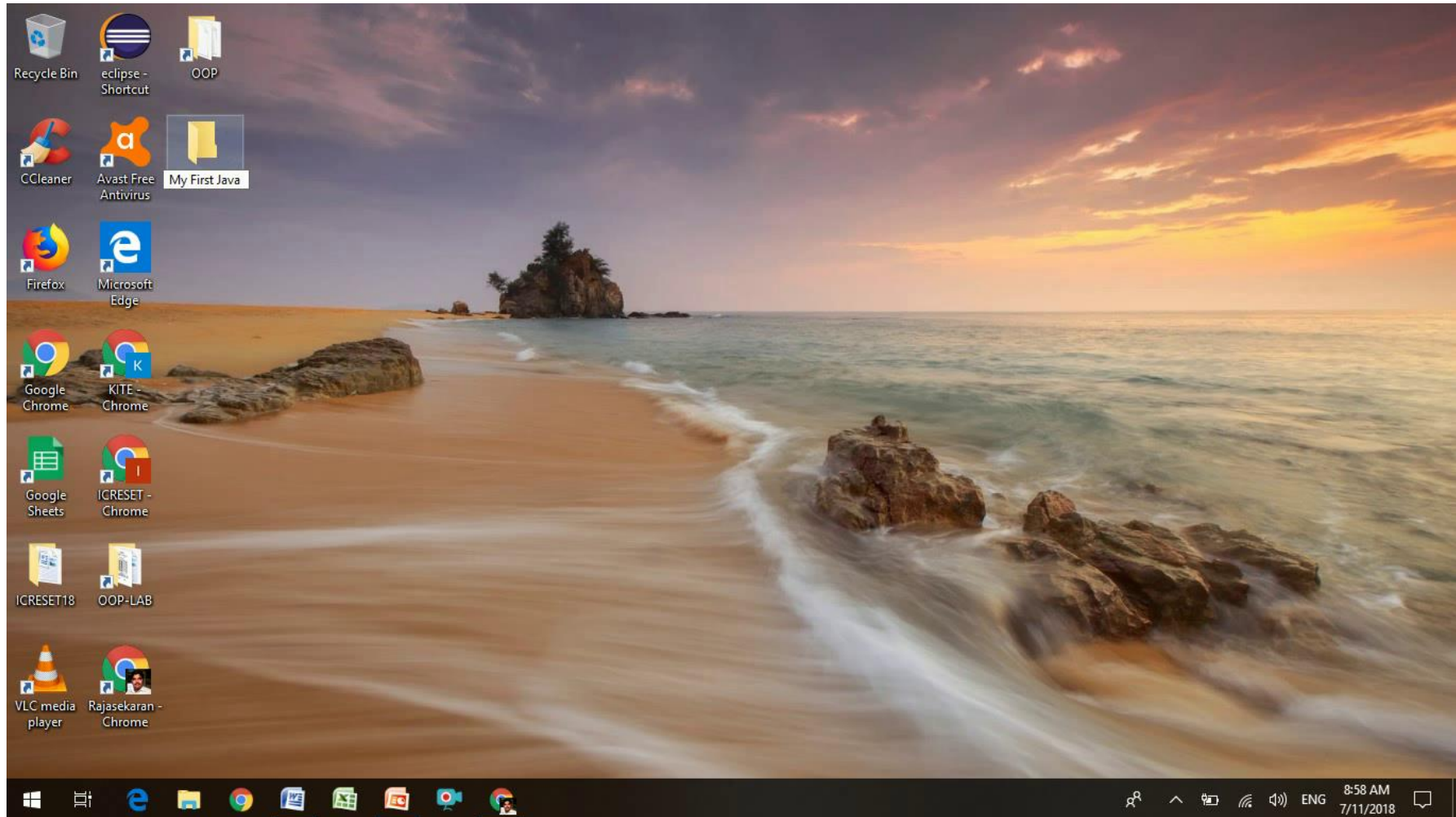
    }

}
```

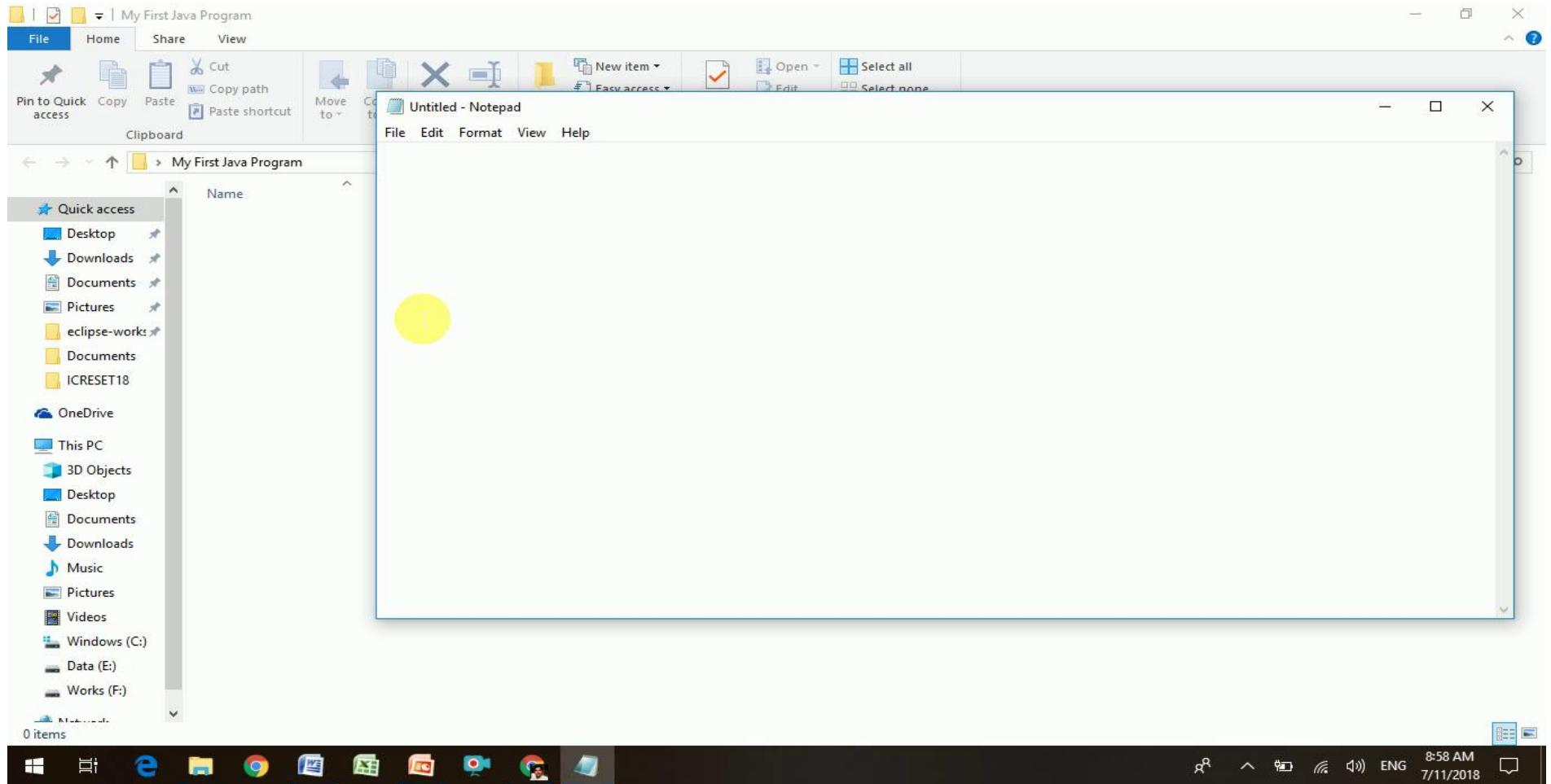
Checking for Java and Javac

- **Check for Java Compiler and Java Interpreter is properly installed on your system.**
- **Open CMD Prompt**
 - **Type javac**
 - **If you prompt with option's then javac is available.**
 - **Else you will be prompt with javac command not found jdk package not installed and proceed with jdk installation.**

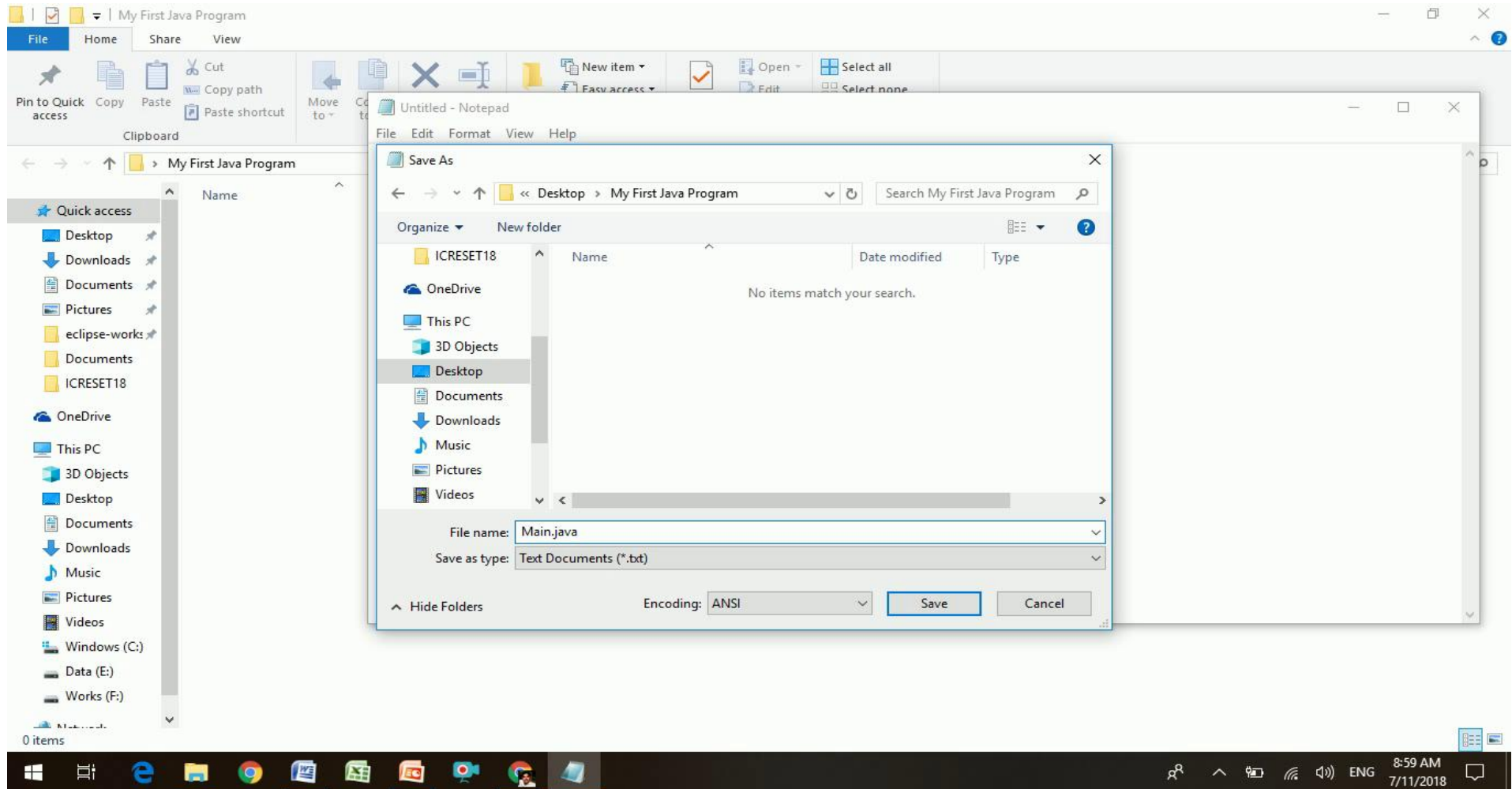
Creating Folders for My Program



Open Notepad

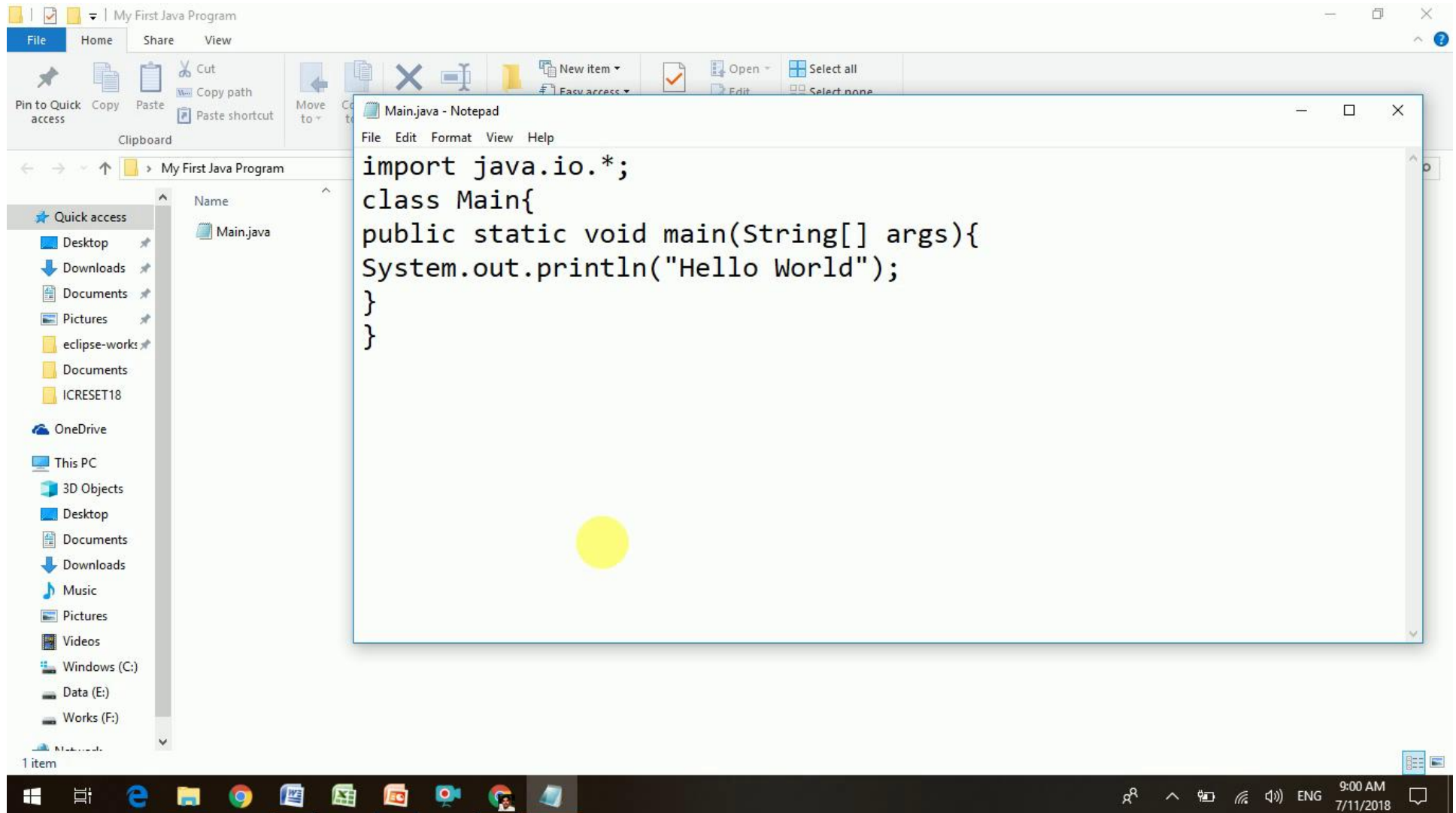


Saving File as Main.java

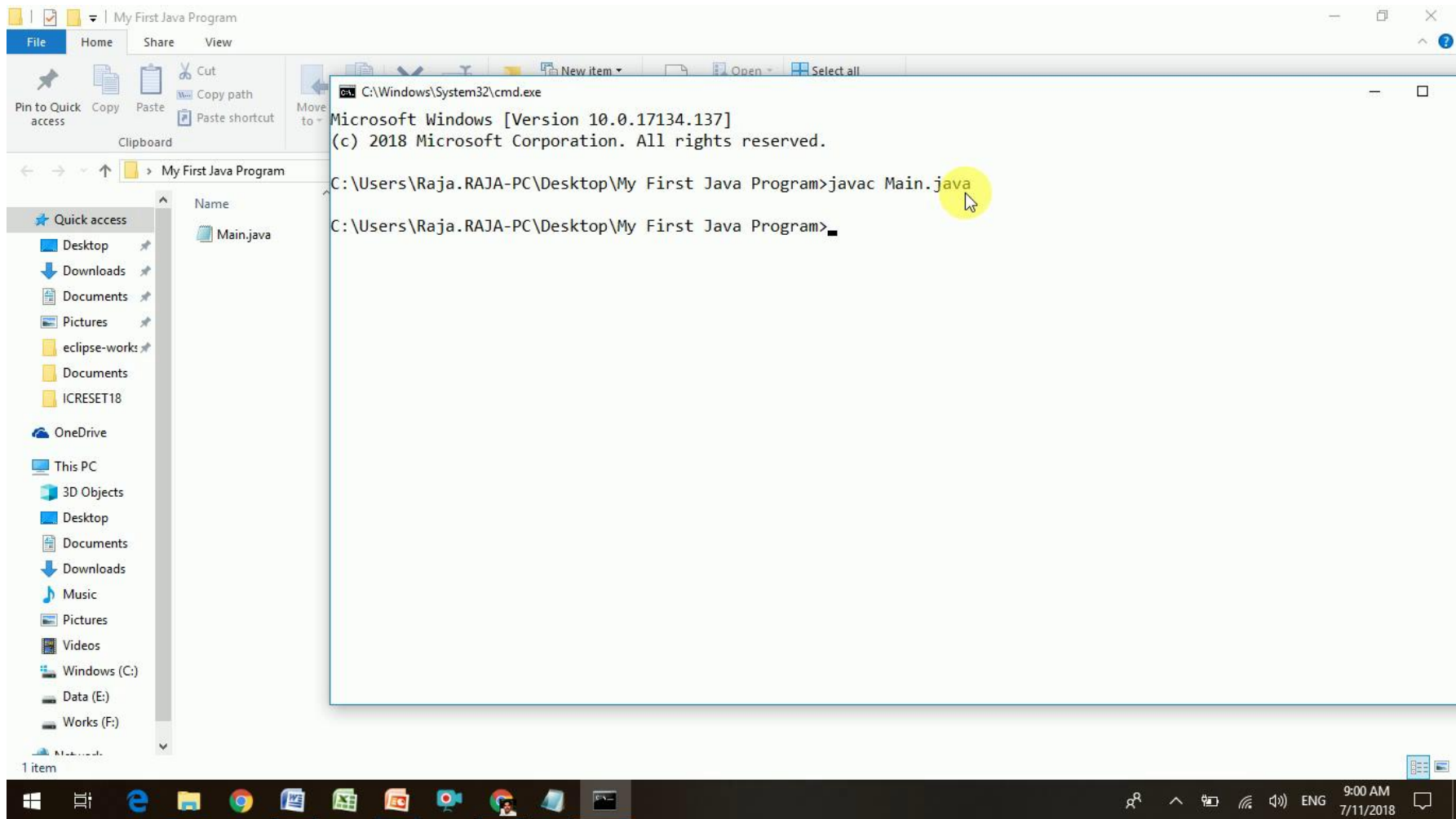


Rule 1: File name must resemble class name.

Creating Your First Program

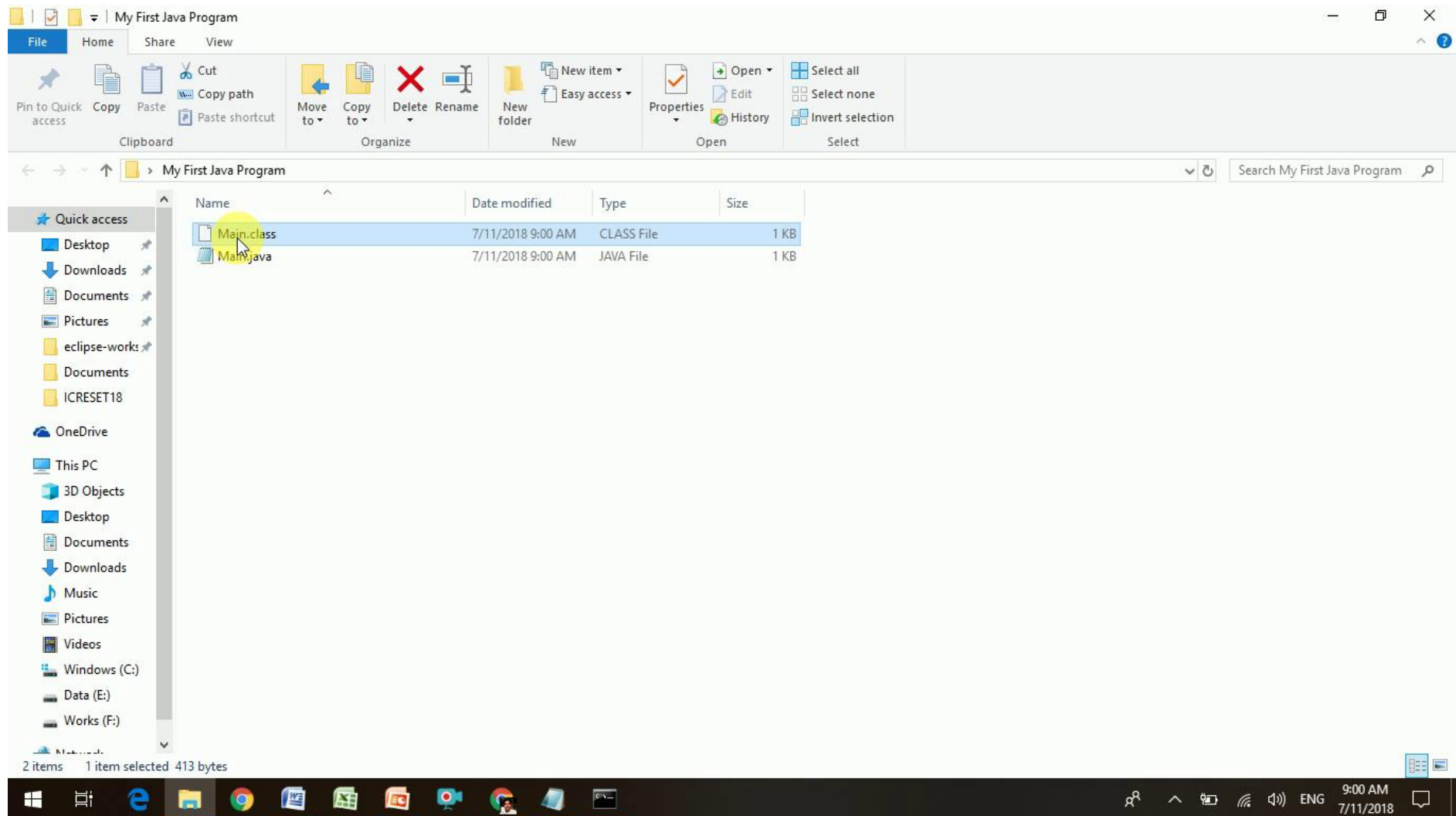


Compiling Main.java

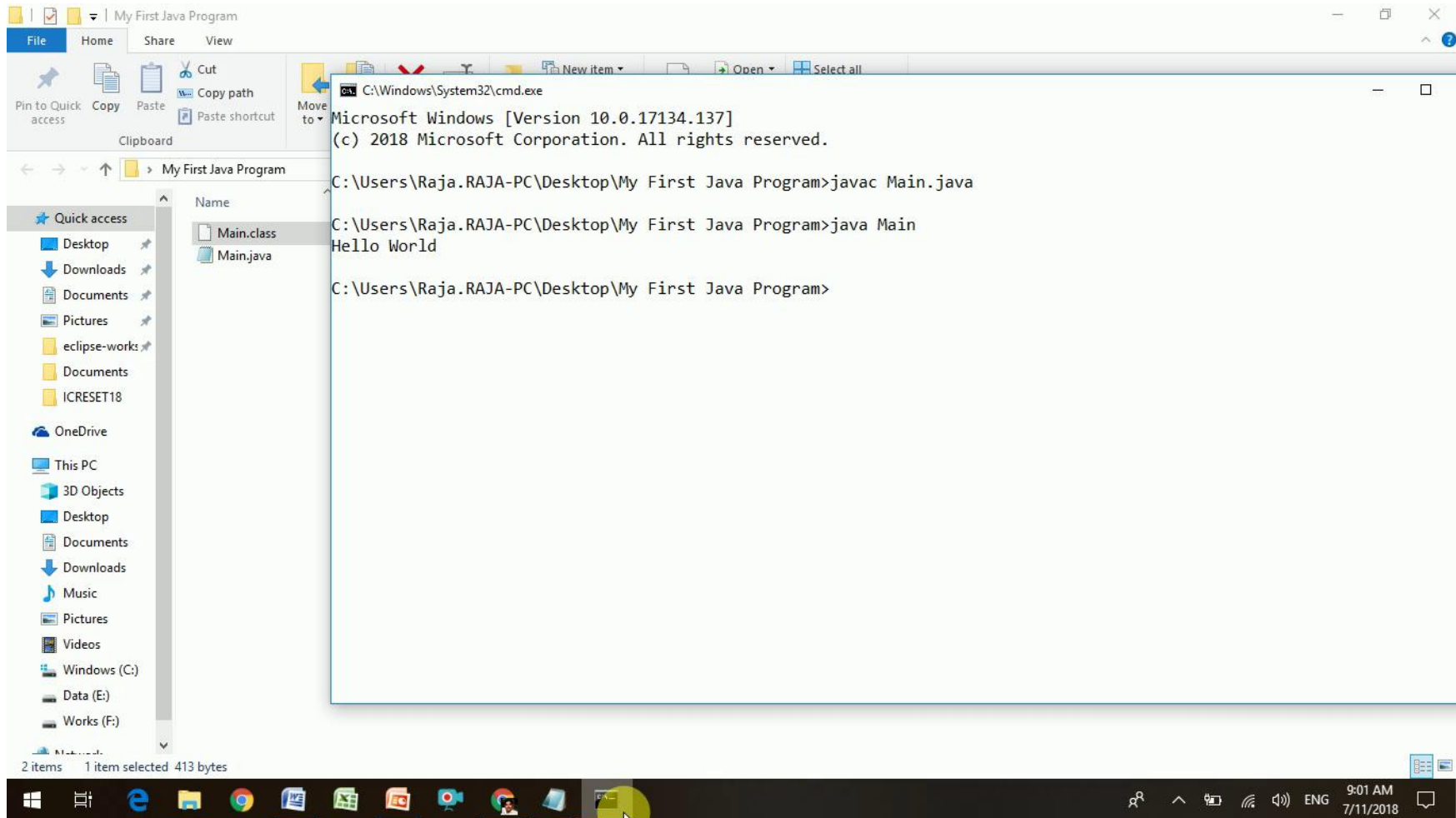


javac Main.java

What is Main.class ?



Running Java Program



java Main

Live Demo

Linux

<https://youtu.be/rrrWZXbMuUw>

Windows

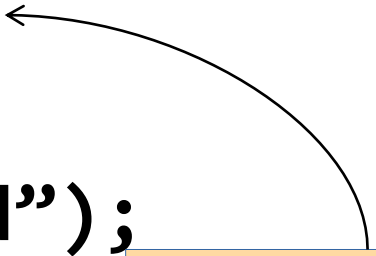
<https://youtu.be/hpOkLHWe5DY>

Java Comments

- It is a programmer-readable explanation or annotation in the source code of a computer program.
- It help's to understand the source code.
- It is ignored by compilers and interpreters.

How to Comment in Java?

```
import java.io.*;  
  
public class Main {  
  
    public static void main(String[] args){  
        //This will print hello world in console;  
  
        System.out.println("Hello World");  
    }  
}
```



Single Line Comment

How to Comment in Java?

```
/*  
 * @author Rajasekaran S  
 * @version 1.0  
 * Program Says hello to the world  
 */  
  
import java.io.*;  
public class Main {  
    public static void main(String[] args){  
        //This will print hello world in console  
        System.out.println("Hello World");  
    }  
}
```



Multi Line Comment



Single Line Comment

Thank You

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