

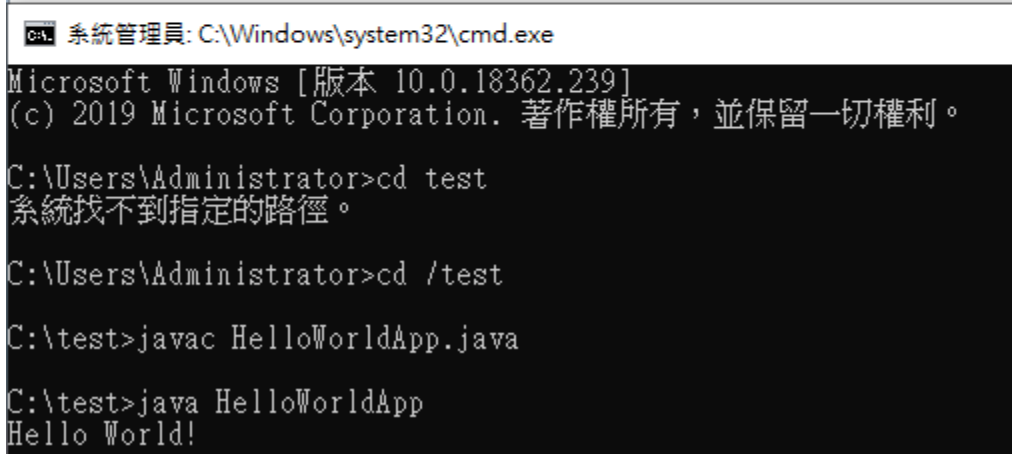
基本程式撰寫

請將 1.程式**執行結果**截圖置入作業中、2.程式原始檔置入作業中

一、請參考投影片內容，建立以下應用程式

1) 建立 Java 的第一支程式 HelloWorld

```
/**
 * The HelloWorldApp Class implements an application that
 * displays "Hello World!" to the standard output.
 */
public class HelloWorldApp
{
    public static void main ( String[] args )
    {
        //Display "Hello World!"
        System.out.println("Hello World!");
    }
}
```



```
Microsoft Windows [版本 10.0.18362.239]
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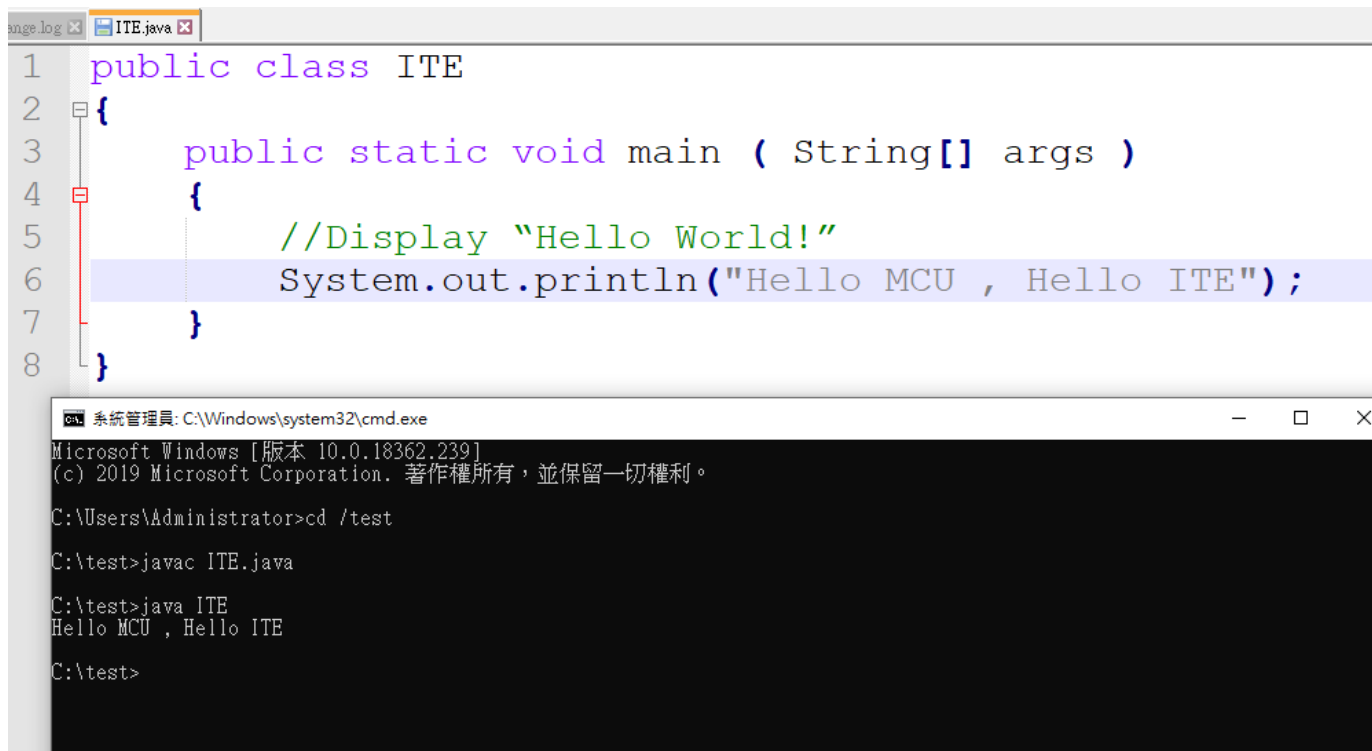
C:\Users\Administrator>cd test
系統找不到指定的路徑。

C:\Users\Administrator>cd /test

C:\test>javac HelloWorldApp.java

C:\test>java HelloWorldApp
Hello World!
```

2) 建立一支 Java 程式並列印出 Hello MCU , Hello ITE



The screenshot shows an IDE with a file named `ITE.java` open. The code is as follows:

```
1 public class ITE
2 {
3     public static void main ( String[] args )
4     {
5         //Display "Hello World!"
6         System.out.println("Hello MCU , Hello ITE");
7     }
8 }
```

Below the code editor is a terminal window titled "系統管理員: C:\Windows\system32\cmd.exe". It shows the following commands and output:

```
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C:\Users\Administrator>cd /test

C:\test>javac ITE.java

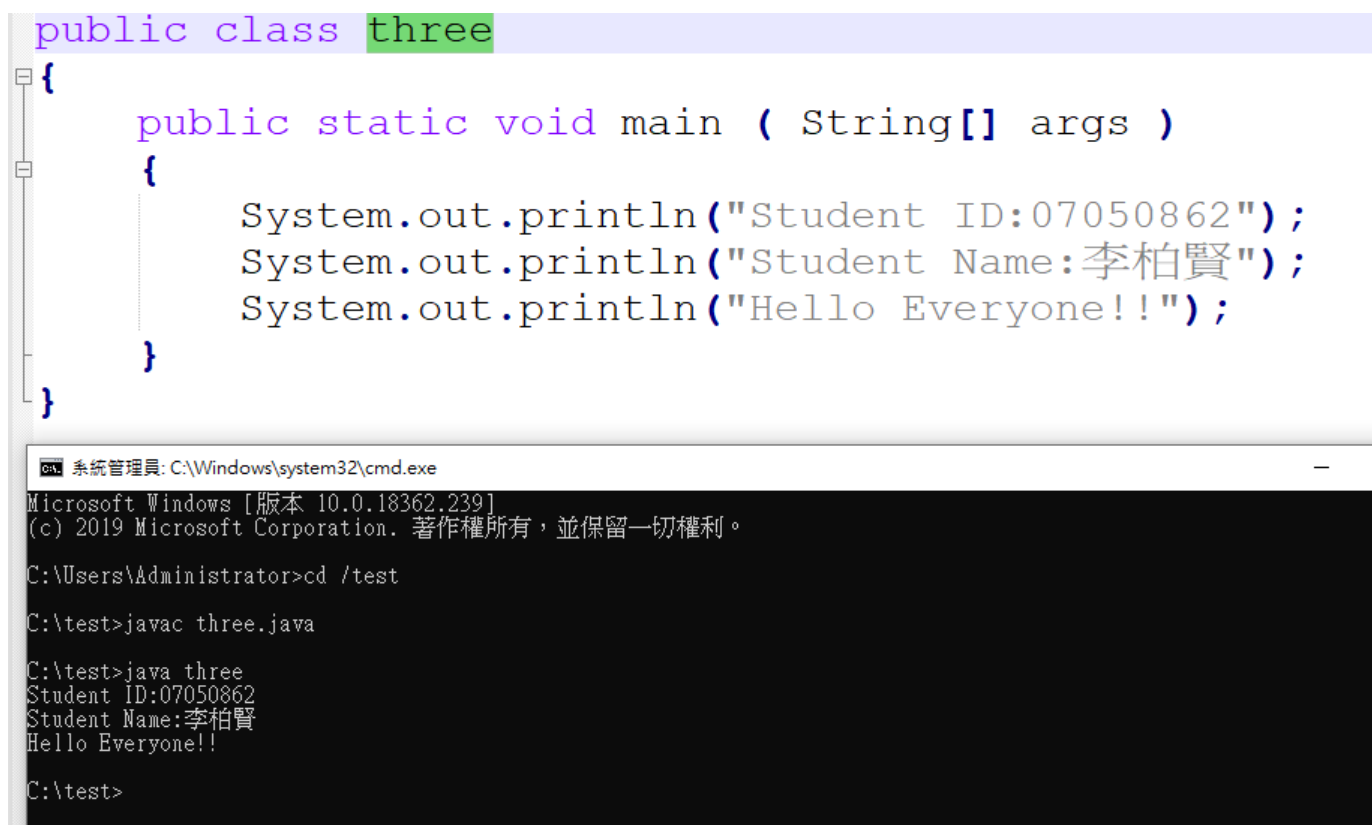
C:\test>java ITE
Hello MCU , Hello ITE

C:\test>
```

3) 建立一支 Java 程式，輸出結果如下



```
Student ID:0000000
Student Name:王大明
Hello Everyone!!
```



The screenshot shows an IDE with a file named `three.java` open. The code is as follows:

```
public class three
{
    public static void main ( String[] args )
    {
        System.out.println("Student ID:07050862");
        System.out.println("Student Name:李柏賢");
        System.out.println("Hello Everyone!!");
    }
}
```

Below the code editor is a terminal window titled "系統管理員: C:\Windows\system32\cmd.exe". It shows the following commands and output:

```
Microsoft Windows [版本 10.0.18362.239]
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C:\Users\Administrator>cd /test

C:\test>javac three.java

C:\test>java three
Student ID:07050862
Student Name:李柏賢
Hello Everyone!!

C:\test>
```

- 4) 建立一支 Java 程式，使用 **System.out.print()** 配合跳脫字元，輸出結果如下

```
*****
**
**
*****
**
**
*****
```

```
public class four
{
    public static void main ( String[] args )
    {
        System.out.print("*****\n  **  \n  **  \n*****\n\n");
    }
}
```

```
系統管理員: C:\Windows\system32\cmd.exe
Microsoft Windows [版本 10.0.18362.239]
(c) 2019 Microsoft Corporation. 著作權所有，並保留一切權利。
C:\Users\Administrator>cd /test
C:\test>javac four.java
C:\test>java four
*****
**
**
*****
**
**
*****
C:\test>
```