

Tutorial 01

Exercise 1:

What is the output of the following program?

```
public class HelloWorld {  
    public static void main(String[] args) {  
        System.out.println("Hi");System.out.print("Welcome to CSC111.");  
        System.out.print("This is a great course.");  
        System.out.print(";");  
    }  
}
```

Solution:

Exercise 2:

- Define an `int` variable named `x` and assign it the value 8.
- Define an `int` variable named `xyz` and assign it the value 100.
- Define a `String` variable named `hi_all` and assign it the value "Hi all". Use two separate statements for declaration and definition (assignment).
- Define a variable `addResult` of type `double` and assign it the value of adding variable `xyz` to `x`.

Solution:

Exercise 3:

What is wrong with the following statements (assume variables are defined when needed):

- `3 = x;`
- `Double my-var = 7.3;`
- `3 + x = y;`
- `y - x = z + x;`
- `System.out.println("x " x);`

Solution:

Exercise 4:

What is the output of the following program? Can we improve output formatting?

```
public class HelloWorld {  
    public static void main(String[] args) {  
        int x = 10;  
        System.out.print("x" + x + ", ");  
        double y = 2.2;  
        y = y * x;  
        System.out.println("y: " + y);  
    }  
}
```

Solution: