UNIVERSITY OF GLASGOW – SCHOOL OF COMPUTING SCIENCE
CSC 1009 OBJECT-ORIENTED PROGRAMMING

Programming Laboratory Wk02 Report
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Important:

1. Export/Save as/Print as PDF, including rename the file into the following format, small letters, without space: 01234567_lab_wk02.pdf
2. For problem question, type your answer
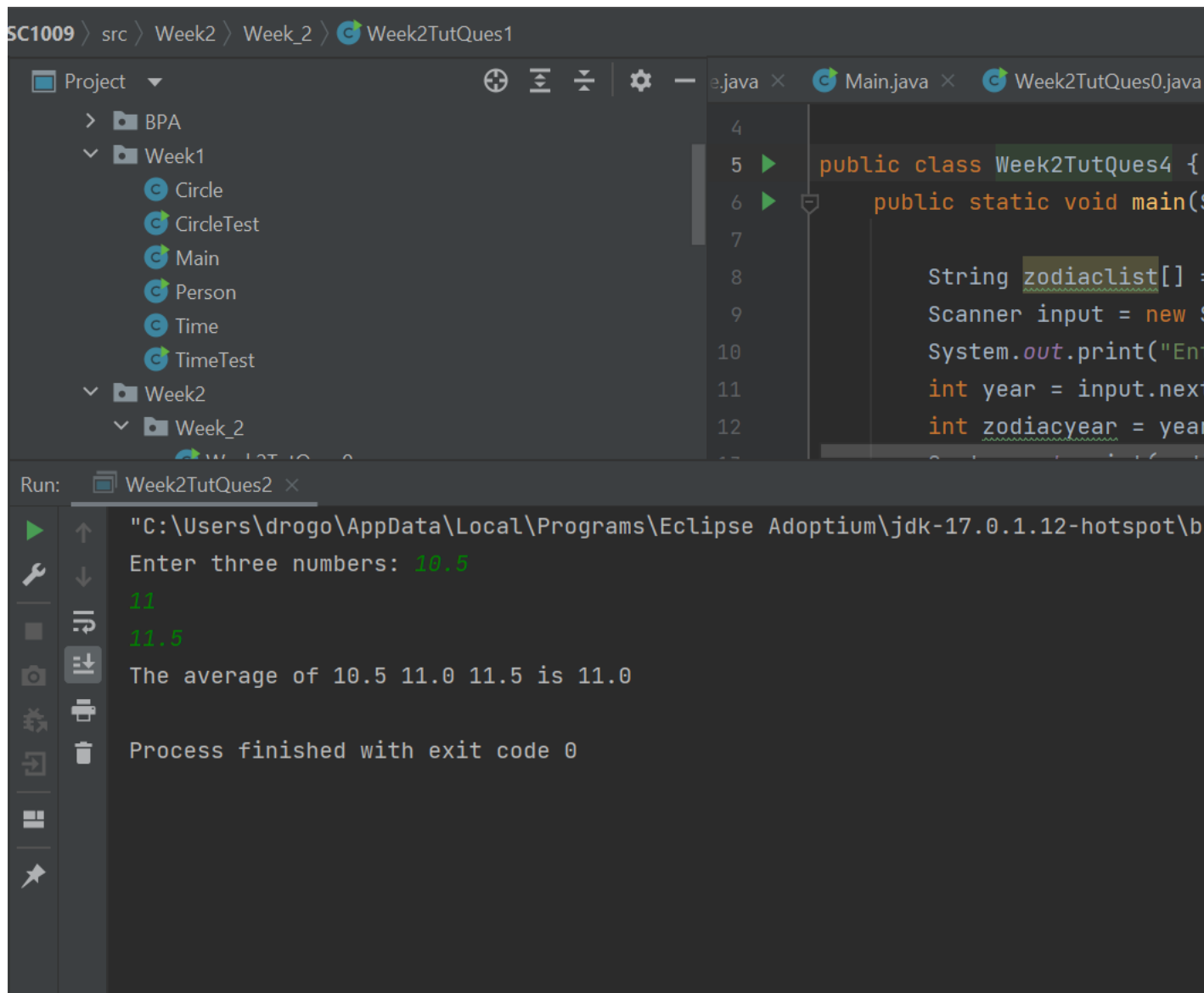3. For programming question, take several screen capture on the outputs as an evidences.

Answers:

1. This is the output when I try to input the radius as 2.5

   Enter a number for radius: 23 ↵Enter
   The area for the circle of radius 23.0 is 1661.90111

   This is the output when I try to input the radius as 2.5

   Enter a number for radius: 23 ↵Enter
   The area for the circle of radius 23.0 is 1661.90111

Project ▼

> ▪ BPA
∨ ▪ Week1
  © Circle
  © CircleTest
  © Main
  © Person
  © Time
  © TimeTest
∨ ▪ Week2
  ∨ ▪ Week_2

e.java × © Main.java × © Week2TutQues0.java

```java
public class Week2TutQues4 {
    public static void main(

        String zodiaclist[] =
        Scanner input = new S
        System.out.print("En
        int year = input.nex
        int zodiacyear = year
```

Run: ▣ Week2TutQues2 ×

```
"C:\Users\drogo\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.1.12-hotspot\b
Enter three numbers: 10.5
11
11.5
The average of 10.5 11.0 11.5 is 11.0

Process finished with exit code 0
```

2. This is the output when I input the numbers to the program with and without line break, respectively:

```
"C:\Users\drogo\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.1.12-hotspot\bir
Enter three numbers: 1 2 3
The average of 1.0 2.0 3.0 is 2.0


Process finished with exit code 0
```

3. This is the output I captured at the time of Jan 18, 07:42am when I run the program

```
Current time is 17:31:8 GMT
```

```
PS C:\Users\drogo\OneDrive\Documents\CSC1009\Week2> java Wee
k2TutQues3.java
Current time is 2 : 49 : 31 GMT
PS C:\Users\drogo\OneDrive\Documents\CSC1009\Week2>
         Ln 9 Col 1 (287 selected)   Spaces: 4   UTF-8   CRLF   Java
```

4. This is the output when I input year 1963 and 1877 to the program, year of rabbit and year of ox will be returned respectively

```
"C:\Users\drogo\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.1.12-hotspot\
Enter a year : 1963
rabbit
Process finished with exit code 0
```

Week2TutQues4 ×

```
"C:\Users\drogo\AppData\Local\Programs\Eclipse Adoptium\jdk-17.0.1.12-hotspot\
Enter a year : 1877
ox
Process finished with exit code 0
```

sion Control   ▶ Run   ≡ TODO   ❶ Problems   ↗ Terminal   ⚒ Build
are up-to-date (moments ago)