

WIJAYAWARDHANA W.A.H.A.

2019/E/166

SEMESTER 05

**16 SEPTEMBER 2022** 

## **QUESTION 01**

## PART 02

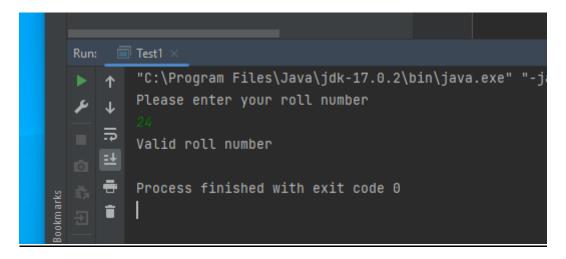


FIGURE 01 - OUTPUT

```
Run: Test1 ×

Test1 ×

Please enter your roll number

-23

Exception in thread "main" java.lang.ArithmeticException Create breakpoint: Reat Test1.main(Test1.java:8)

Process finished with exit code 1
```

FIGURE 02 - OUTPUT

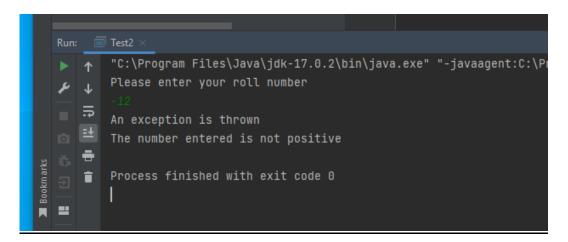


FIGURE 03 – OUTPUT

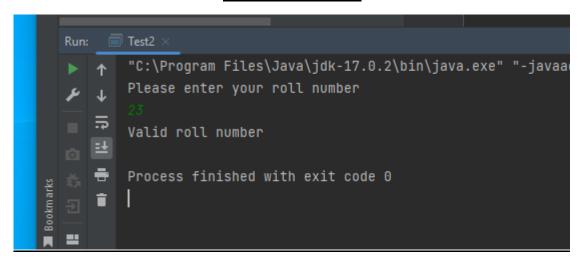


FIGURE 04 – OUTPUT

```
Run: Test3 ×

C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:0

Please enter your age

An exception is thrown
Not allowed! Your age is less than 5

Process finished with exit code 0
```

FIGURE 05 – OUTPUT

```
Run: Test3 ×

C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Pr
Please enter your age

An exception is thrown
Not allowed! Your age is greater than 20

Process finished with exit code 0
```

FIGURE 06 – OUTPUT

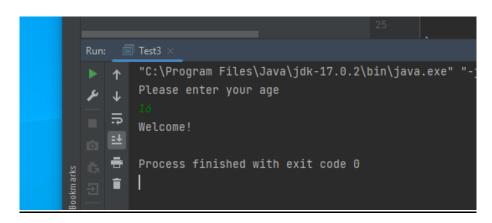


FIGURE 07 – OUTPUT

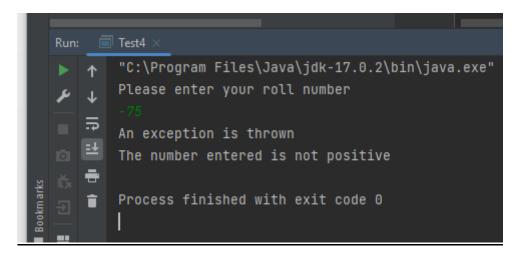


FIGURE 08 – OUTPUT

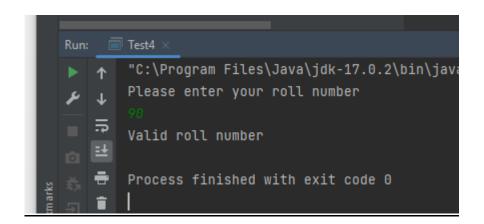


FIGURE 09 – OUTPUT

```
Run: Test5 ×

| C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains
| Exception in thread "main" java.lang.ArithmeticException Create breakpoint: / by zero
| at Test5.func(Test5.java:3)
| at Test5.main(Test5.java:7)
| Process finished with exit code 1
```

FIGURE 10 – OUTPUT

```
Run: Test6 ×

C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDE Exception in thread "main" java.lang.ArithmeticException Create breakpoint: / by zero

at Test6.func(Test6.java:3)
at Test6.main(Test6.java:6)

Process finished with exit code 1
```

FIGURE 11 – OUTPUT



FIGURE 12 – OUTPUT

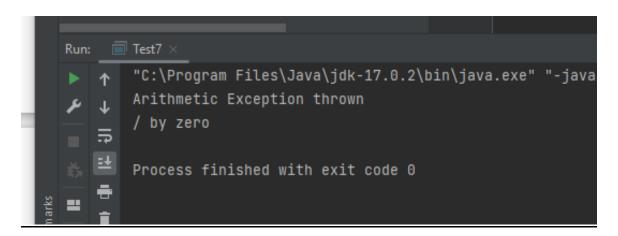


FIGURE 13 – OUTPUT