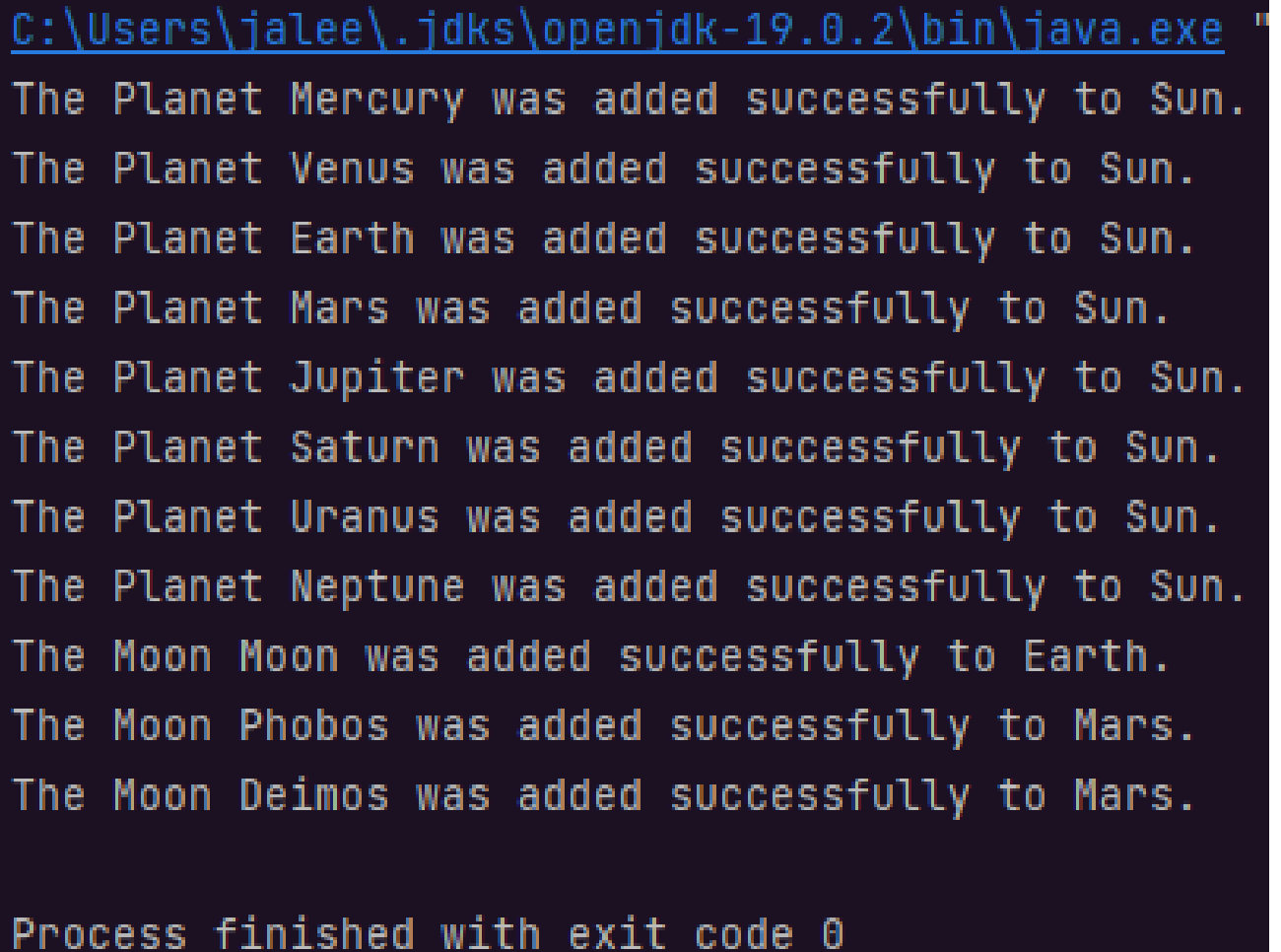


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```
C:\Users\jalee\.jdk\openjdk-19.0.2\bin\java.exe "  
The Planet Mercury was added successfully to Sun.  
The Planet Venus was added successfully to Sun.  
The Planet Earth was added successfully to Sun.  
The Planet Mars was added successfully to Sun.  
The Planet Jupiter was added successfully to Sun.  
The Planet Saturn was added successfully to Sun.  
The Planet Uranus was added successfully to Sun.  
The Planet Neptune was added successfully to Sun.  
The Moon Moon was added successfully to Earth.  
The Moon Phobos was added successfully to Mars.  
The Moon Deimos was added successfully to Mars.  
  
Process finished with exit code 0
```

*Figure 1: Program Running Without Any Errors*

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```
C:\Users\jalee\.jdk\openjdk-19.0.2\bin\java.exe "-jav
The Planet Mercury was added successfully to Sun.
The Planet Venus was added successfully to Sun.
The Planet Earth was added successfully to Sun.
The Planet Mars was added successfully to Sun.
The Planet Jupiter was added successfully to Sun.
The Planet Saturn was added successfully to Sun.
The Planet Uranus was added successfully to Sun.
The Planet Neptune was added successfully to Sun.
The Moon Moon was added successfully to Earth.
The Moon Phobos was added successfully to Mars.
The Moon Deimos was added successfully to Mars.
The Planet Uranus is already in the collection.

Process finished with exit code 0
```

*Figure 2: Program Running with DuplicateCelestialBodyException Catch Statement*

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```
C:\Users\jalee\.jdk\openjdk-19.0.2\bin\java.exe "-javaagent:C:\
The Planet Mercury was added successfully to Sun.
The Planet Venus was added successfully to Sun.
The Planet Earth was added successfully to Sun.
The Planet Mars was added successfully to Sun.
The Planet Jupiter was added successfully to Sun.
The Planet Saturn was added successfully to Sun.
The Planet Uranus was added successfully to Sun.
The Planet Neptune was added successfully to Sun.
The Moon Moon was added successfully to Earth.
The Moon Phobos was added successfully to Mars.
The Moon Deimos was added successfully to Mars.
A planet must orbit a star.

Process finished with exit code 0
```

*Figure 3: Program Running with InvalidCelestialBodyException Catch Statement*

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```
C:\Users\jalee\.jdk\openjdk-19.0.2\bin\java.exe "-javaagent:C:\V
The Planet Mercury was added successfully to Sun.
The Planet Venus was added successfully to Sun.
The Planet Earth was added successfully to Sun.
The Planet Mars was added successfully to Sun.
The Planet Jupiter was added successfully to Sun.
The Planet Saturn was added successfully to Sun.
The Planet Uranus was added successfully to Sun.
The Planet Neptune was added successfully to Sun.
The Moon Moon was added successfully to Earth.
The Moon Phobos was added successfully to Mars.
The Moon Deimos was added successfully to Mars.
Mars is orbiting the Star Sun
Moon is orbiting the Planet Earth

Process finished with exit code 0
```

*Figure 4: Using getOrbit() to Check Position of Planet and Moon Objects*