

Runtime polymorphism

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PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\Codes\Java> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Shravan Upadhyaya\AppData\Local\Programs\Java\jdk-21.0.6\bin\java.exe' 'e9c039b5b74a\redhat.java\jdt_ws\Java_e1b065e4\bin' 'Runtime_Polymorphism'
Car speed: 170 km/h
Bike speed: 99 km/h
PS D:\Codes\Java>
```

Multilevel inheritance

```
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PS D:\Codes\Java> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Shravan Upadhyaya\AppData\Local\Programs\Java\jdk-21.0.6\bin\java.exe' 'e9c039b5b74a\redhat.java\jdt_ws\Java_e1b065e4\bin' 'Multilevel_Inheritance'
Dog barks!!!
PS D:\Codes\Java>
```

Diamond problem

```
PS D:\Codes\Java> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Shravan Upadhyaya\AppData\Local\Programs\Java\jdk-21.0.6\bin\java.exe' 'e9c039b5b74a\redhat.java\jdt_ws\Java_e1b065e4\bin' 'Diamond_Problem'
Hii from C
Hii from B
Hii from D
PS D:\Codes\Java>
```

Example for interface

```
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PS D:\Codes\Java> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Shravan Upadhyaya\AppData\Local\Programs\Java\jdk-21.0.6\bin\java.exe' 'e9c039b5b74a\redhat.java\jdt_ws\Java_e1b065e4\bin' 'Example_Interface'
Printing document...
Printing image...
PS D:\Codes\Java>
```

Multiple inheritance

```
PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS D:\Codes\Java> & 'C:\Program Files\Java\jdk-21.0.6\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Shravan Upadhyaya\AppData\Local\Programs\Java\jdk-21.0.6\bin\java.exe' 'e9c039b5b74a\redhat.java\jdt_ws\Java_e1b065e4\bin' 'Multiple_Inheritance'
Duck is flying
Duck is swimming
PS D:\Codes\Java>
```