

ZOHO TASK 2- CLASSPATH

EXERCISE 1

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\akash> cd C:\myprojectfiles
PS C:\myprojectfiles> javac Bird.java -d C:\myclassfiles -h birds
PS C:\myprojectfiles> javac -cp C:\myclassfiles Parrot.java -h child
PS C:\myprojectfiles> javac -cp C:\myclassfiles TestRunner.java -h test
PS C:\myprojectfiles> java -cp C:\myclassfiles test.TestRunner
Am Flying
Am Flying
Am Speaking
PS C:\myprojectfiles>
```

EXERCISE 2

```
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PS C:\test> javac C:\myprojectfiles\Bird.java -d C:\myclasses -h birds
PS C:\test> javac -cp C:\myclasses C:\myprojectfiles\Parrot.java -d C:\myclasses -h birds
PS C:\test> javac -cp C:\myclasses C:\myprojectfiles\TestRunner.java -d C:\myclasses -h birds
PS C:\test> javac -cp C:\myclasses test.TestRunner
error: Class names, 'test.TestRunner', are only accepted if annotation processing is explicitly requested
1 error
PS C:\test> java -cp C:\myclasses test.TestRunner
Am Flying
Am Flying
Am Speaking
PS C:\test>
```

EXERCISE 3

```
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PS C:\myprojectfiles> javac Bird.java -d "C:\file1" -h birds
PS C:\myprojectfiles> javac -cp "C:\file1" Parrot.java -d "C:\file2" -h child
PS C:\myprojectfiles> javac -cp "C:\file1;C:\file2" TestRunner.java -d "C:\runfile" -h test
PS C:\myprojectfiles> java -cp "C:\file1;C:\file2;C:\runfile" test.TestRunner
Am Flying
Am flying so High
Am Speaking
PS C:\myprojectfiles>
```

EXERCISE 4

```
Windows PowerShell
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PS C:\myprojectfiles> javac Bird.java -d "C:\myclasses" -h birds
PS C:\myprojectfiles> javac -cp "C:\myclasses" Parrot.java -d "C:\myclasses" -h child
PS C:\myprojectfiles> javac -cp "C:\myclasses" TestRunner.java -d "C:\myclasses" -h test
PS C:\myprojectfiles> cd C:\myclasses
PS C:\myclasses> jar cvf myclasses.jar -C C:\myclasses\ .
added manifest
adding: birds/(in = 0) (out= 0)(stored 0%)
adding: birds/Bird.class(in = 426) (out= 383)(deflated 28%)
adding: child/(in = 0) (out= 0)(stored 0%)
adding: child/Parrot.class(in = 393) (out= 285)(deflated 27%)
adding: test/(in = 0) (out= 0)(stored 0%)
adding: test/TestRunner.class(in = 388) (out= 292)(deflated 24%)
PS C:\myclasses> cd C:\myprojectfiles
PS C:\myprojectfiles> java -cp "C:\myclasses\myclasses.jar" test.TestRunner
Am Flying
Am flying so High
Am Speaking
PS C:\myprojectfiles> |
```

EXERCISE 5

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\akash> cd C:\myprojectfiles
PS C:\myprojectfiles> javac Bird.java -d C:\myclasses -h birds
PS C:\myprojectfiles> java -cp "C:\myclasses\myclasses.jar;C:\myclasses" test.TestRunner
Am Flying
Am Speaking
PS C:\myprojectfiles> java -cp "C:\myclasses;C:\myclasses\myclasses.jar" test.TestRunner
Am Flying
Am flying so High
Am Speaking
PS C:\myprojectfiles> |
```