

C:\Windows\System32\cmd.exe

Microsoft Windows [Version 10.0.19041.572]

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C:\Users\staga\Desktop\Week6>javac ActorMain.java

C:\Users\staga\Desktop\Week6>java ActorMain

Enter the number of actors:

2

-----Enter the details of actor 1-----

Enter the actor id:

123

Enter the actor name:

abc

Enter the number of movies:

3

Enter the number of years of experience:

4

-----Enter the details of actor 2-----

Enter the actor id:

456

Enter the actor name:

xyz

Enter the number of movies:

8

Enter the number of years of experience:

7

The actor with highest average performance is:xyz

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C:\Users\staga\Desktop\Week6>javac CircleDemo.java

C:\Users\staga\Desktop\Week6>java CircleDemo

Enter radius:

4

Area is:50.26548245743669

Perimeter is:25.132741228718345

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C:\Users\staga\Desktop\Week6>javac DArray.java

C:\Users\staga\Desktop\Week6>java DArray 20 45 10 8 10

Sorted array:

8.000000	10.000000	10.000000	20.000000	45.000000
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```
C:\Users\staga\Desktop\Week6>javac Fullarray.java
```

```
C:\Users\staga\Desktop\Week6>java Fullarray
```

```
Enter the number of rows:
```

```
2
```

```
Enter the number of columns:
```

```
3
```

```
Enter the elements:
```

```
a[0][0]=
```

```
10
```

```
a[0][1]=
```

```
0
```

```
a[0][2]=
```

```
-5
```

```
a[1][0]=
```

```
-3
```

```
a[1][1]=
```

```
20
```

```
a[1][2]=
```

```
0
```

```
The elements of positive array:
```

```
10
```

```
20
```

```
The elements of negative array:
```

```
-5
```

```
-3
```

```
The number of positives is 2, number of negatives is 2 and number of zeroes is 2
```

```
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```


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C:\Users\staga\Desktop\Week6>javac MatrixTranspose.java

C:\Users\staga\Desktop\Week6>java MatrixTranspose

Enter order of matrix:

3 4

Enter matrix:

12 10 15 14 23 58 11 17 18 24 11 44

The matrix before Transpose is

12 10 15 14

23 58 11 17

18 24 11 44

The matrix after Transpose is

12 23 18

10 58 24

15 11 11

14 17 44

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C:\Users\staga\Desktop\Week6>javac OperatorsMain.java

C:\Users\staga\Desktop\Week6>java OperatorsMain

Input operand1:

5

Input opearand 2:

3

ARITHMETIC CATEGORY:

Addition:8

Multiplication:15

RELATIONAL CATEGORY:

5 is greater than 3

3 is less than or equal to 5

ASSIGNMENT CATEGORY:

5 is not equal to 3

LOGICAL CATEGORY:

Bitwise and between 5 and 3 : 1

Bitwise or between 5 and 3 : 7

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C:\Users\staga\Desktop\Week6>javac StringCount.java

C:\Users\staga\Desktop\Week6>java StringCount

Enter a string:

aeim ou

The number of vowels are 5 , number of consonants are 2 and number of spaces are 1

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