


```

PS E:\my code\java projects\java sem3> & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
owCodeDetailsInExceptionMessages'
m3_c34a4037\bin' 'prac8_MatrixMult'
Enter the elements for 1st matrix:
Enter the ele. of position [0][0]:
1
Enter the ele. of position [0][1]:
2
Enter the ele. of position [0][2]:
3
Enter the ele. of position [1][0]:
4
Enter the ele. of position [1][1]:
5
Enter the ele. of position [1][2]:
6
Enter the ele. of position [2][0]:
7
Enter the ele. of position [2][1]:
8
Enter the ele. of position [2][2]:
9
Enter the elements for 2nd matrix:
Enter the ele. of position [0][0]:
2
Enter the ele. of position [0][1]:
2
Enter the ele. of position [1][0]:
3
Enter the ele. of position [1][1]:
3
Enter the ele. of position [1][2]:
3
Enter the ele. of position [2][0]:
4
Enter the ele. of position [2][1]:
4

```

```

PS C:\Users\parma> & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
t_ws\jdt.ls-java-project\bin' 'prime'
Enter the range to print prime no. :
20
The prime numbers between 1 to 20
2      3      5      7      11      13      17      19

```

```

PS C:\Users\parma> & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
ws\jdt.ls-java-project\bin' 'prac6_UserDetails'
Data:10000
Name: Akash
email: Akash123@gmail.com
Age: 45

```

```

Enter the ele. of position [2][2]:
4
20  20  20

47  47  47

74  74  74

```

```

PS E:\my code\java projects\java sem3> & 'C:\Users\parma\AppData\Roaming\Code\
' 'C:\Users\parma\AppData\Roaming\Code\U
Data:10000
The dog barks
This animal is sleeping.
The cat says Meow!
This animal is sleeping.

```

```

PS E:\my code\java projects\java sem3> & 'C:\Users\parma\AppData\Roaming\Code\
' 'C:\Users\parma\AppData\Roaming\Code\U
Data:10000
Name: Akash
email: Akash123@gmail.com
Age: 45

```

```

PS C:\Users\parma> & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
ls-java-project\bin' 'prac6_Fibonacci'
Fibonacci number at position 10 (recursive): 55
Fibonacci number at position 10 (non-recursive): 55

```

```

PS E:\my code\java projects\java sem3> & 'C:\Users\parma\AppData\Roaming\Code\
s\parma\AppData\Roaming\Code\User\workspace
An Animal is created.
Animal's name: Dog
Animal's name: Cat, Age: 3
The animal makes a sound.
The animal makes a sound: Bark
The animal makes a sound: Meow 5 times.



```

```

PS C:\Users\parma> & 'C:\Program Files\Java\jre-1.8\bin\java.exe'
a-project\bin' 'prac13'
Animals make sound
Dogs bark
Name in Dog class: Dog
Name in Animal class: Animal

```

This PC > Local Disk (E:) > my code > java projects > java sem3 > myPack > example

Name	Date modified	Type	Size
 MyClass.class	24-09-2024 10:47 AM	CLASS File	1 KB
 prac16_packages.class	24-09-2024 10:47 AM	CLASS File	1 KB

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac19_Token' 'MADAM' is Plaidrome ? :true
```

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac22_CustomException'
Result of 23/0 :
Error: Division by zero!
Finally block executed.
```

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac22_CustomException'
Caught Exception: Age is less than 18. Not eligible to vote.
You are eligible to vote.
```

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac16_packages'
Inner
Inside the method
```

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac16_packages'
This is a method from the user-defined package.
```

```
PS C:\Users\parma> & 'C:\Program Files\Java\jdk-22\bin\java.exe' -cp 'C:\Program Files\Java\jdk-22\bin\java.exe;esws_2692a\jdt_ws\jdt.ls-java-project\bin' 'prac19_Token'
Enter a line on integer (include space between each integer) :
1 2 2 3
Adding:
1
2
2
3
Sum: 8
```