

- PS C:\Users\Vijaylaxmi\OneDrive\Desktop> cd JAVA-LAB
 - PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> javac BankApp.java
 - PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> java BankApp
- Savings Account ---
Amount deposited!
Interest added: 615.0
Withdrawal successful!
Current Balance: 4615.0
- Current Account ---
Balance below minimum! Service charge imposed.
Current Balance: 600.0
- PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB>

Ln 1, Col 1 Spaces:



Search



acer

```
    score>=90){  
        points=10;  
    }else if(score>=80){
```

PROBLEMS 4

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

powershell - JAVA-LAB



```
PS C:\Users\Vijayalaxmi\OneDrive\Desktop\JAVA-LAB> studentsgpa.java  
● PS C:\Users\Vijayalaxmi\OneDrive\Desktop\JAVA-LAB> javac studentsgpa.java  
● PS C:\Users\Vijayalaxmi\OneDrive\Desktop\JAVA-LAB> java studentsgpa
```

Enter the name and USN of the student:
Vijayalaxmi

Enter the number of subjects:

3

enter sub 1 credits:

4

Enter marks obtained:

25

enter sub 2 credits:

4

Enter marks obtained:

35

enter sub 3 credits:

4

Enter marks obtained:

29

SGPA=0.0

```
○ PS C:\Users\Vijayalaxmi\OneDrive\Desktop\JAVA-LAB>
```

Ln 2, Col 25

Spaces: 4

UTF-8

CRLF



Search





ava

BankApp.java

BookDemo.java

QuadraticEquation.java X



JAVA-LAB > QuadraticEquation.java > ...

1 import java.util.*;

PROBLEMS

TERMINAL

...



powershell - JAVA-LAB



● PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> javac QuadraticEquation.java

● PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> java QuadraticEquation
enter the co-efficient of a:

4

enter the co-efficient of b:

I

6

enter the co-efficient of c:

3

Complex roots: -0.75 + 0.4330127018922193i and -0.75 - 0.4330127018922193i

○ PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> █

3...

5...



Search



ew Go Run ...

Q Desktop



PROBLEMS

OUTPUT

TERMINAL

powershell - JAVA-LAB ⚠



```
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> javac BookDemo.java
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> java BookDemo
Enter the number of books:
4
Enter details of book 1:
Name: java
Author: james gosbling
Price: 400
Number of pages: 2000
Enter details of book 2:
Name: dbms
Author: raghu ramakrishna
Price: 500
Number of pages: 3400
Enter details of book 3:
Name: dsc
Author: aaron m
Price: 899
Number of pages: 3783
Enter details of book 4:
Name: ld
Author: alan b
Price: 788
Number of pages: 4342
```

Details of Books:

```
Book[name=java, author=james gosbling, price=400.0, num_pages=2000]
Book[name=dbms, author=raghu ramakrishna, price=500.0, num_pages=3400]
Book[name=dsc, author=aaron m, price=899.0, num_pages=3783]
Book[name=ld, author=alan b, price=788.0, num_pages=4342]
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB>
```

```
44     int x=sc.nextInt();
45     int y=sc.nextInt();
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

powershell - JAVA-LAB



- PS C:\Users\Vijaylaxmi\OneDrive\Desktop> cd JAVA-LAB
- PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> javac ShapeDemo.java
- PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB> java ShapeDemo

Enter the length and breadth of a rectangle:

8

2

Area of Rectangle: 16

Enter the base and height of a triangle:

4

I

6

Area of Triangle: 12.0

Enter the radius of a circle:

8

Area of Circle: 200.96

3

PS C:\Users\Vijaylaxmi\OneDrive\Desktop\JAVA-LAB>

...

...

...

Ln 1, Col 1

Spaces: 4

UTF-8

CRLF



Search



PROBLEMS

OUTPUT

TERMINAL

...



Run: FinalMarks



```
PS C:\Users\Vijayalaxmi\OneDrive\Desktop\sixth program> & 'C:\Program Files'\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Vijayalaxmi\AppData\Roaming\Code\User\workspaceStorage\dff41cbabb1783be8c1724aed1082bd5\redhat.java\jdt_ws\sixth program_3f93b4dc\bin' 'Final Marks'
```

Enter the number of students:

2

Enter the details of student 1:

USN:

123

Name:

Ruchi

Semester:

3

Enter the internal marks of 5 subjects:

40

38

37

40

40

Enter the SEE marks of 5 subjects:

99

98

97

100

100

Enter the details of student 2:

USN:

234

Name:

Vijayalaxmi

Semester:

3

Ln 2, Col 1 Spaces: 4 UTF-8 CRLF



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```
1 class MessageThread extends Thread {  
2     } catch (InterruptedException e) {  
3         System.out.println("Thread interrupted");  
4     }  
5 }
```

PROBLEMS 2 OUTPUT

TERMINAL ...

Run Mail + ⌂ ⌂

```
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\sixth program> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Vijaylaxmi\AppData\Roaming\Code\User\workspaceStorage\dff41cbaf783be8c1724aed1082bd5\redhat.java\jdt_ws\jdt.ls-java-project\bin' 'Mail' CSE  
BMS College of Engineering  
CSE  
CSE  
CSE  
CSE  
CSE  
BMS College of Engineering I  
CSE  
CSE  
CSE  
CSE  
CSE  
BMS College of Engineering  
CSE  
CSE  
CSE  
CSE  
BMS College of Engineering  
CSE  
CSE
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Ln 23 Col 30 48 sec



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PROBLEMS

TERMINAL

...

Run: Main + ⌫ 〉 ...

```
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\sixth program> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Vijaylaxmi\AppData\Roaming\Code\User\workspaceStorage\dff41cbabb783be8c1724aed1082bd5\redhat.java\jdt_ws\jdt.ls-java-project\bin' 'Main'  
Family relationship established successfully!  
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\sixth program> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Vijaylaxmi\AppData\Roaming\Code\User\workspaceStorage\dff41cbabb783be8c1724aed1082bd5\redhat.java\jdt_ws\jdt.ls-java-project\bin' 'Main'  
● Enter father's age: 56  
Enter son's age: 56  
Father created with age: 56
```

- Error: Son's age cannot be greater than or equal to father's age!

```
PS C:\Users\Vijaylaxmi\OneDrive\Desktop\sixth program>
```

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