LEVEL TEST – 1

CSA0987-JAVA PROGRAMING FOR PROBLEM SOLVING

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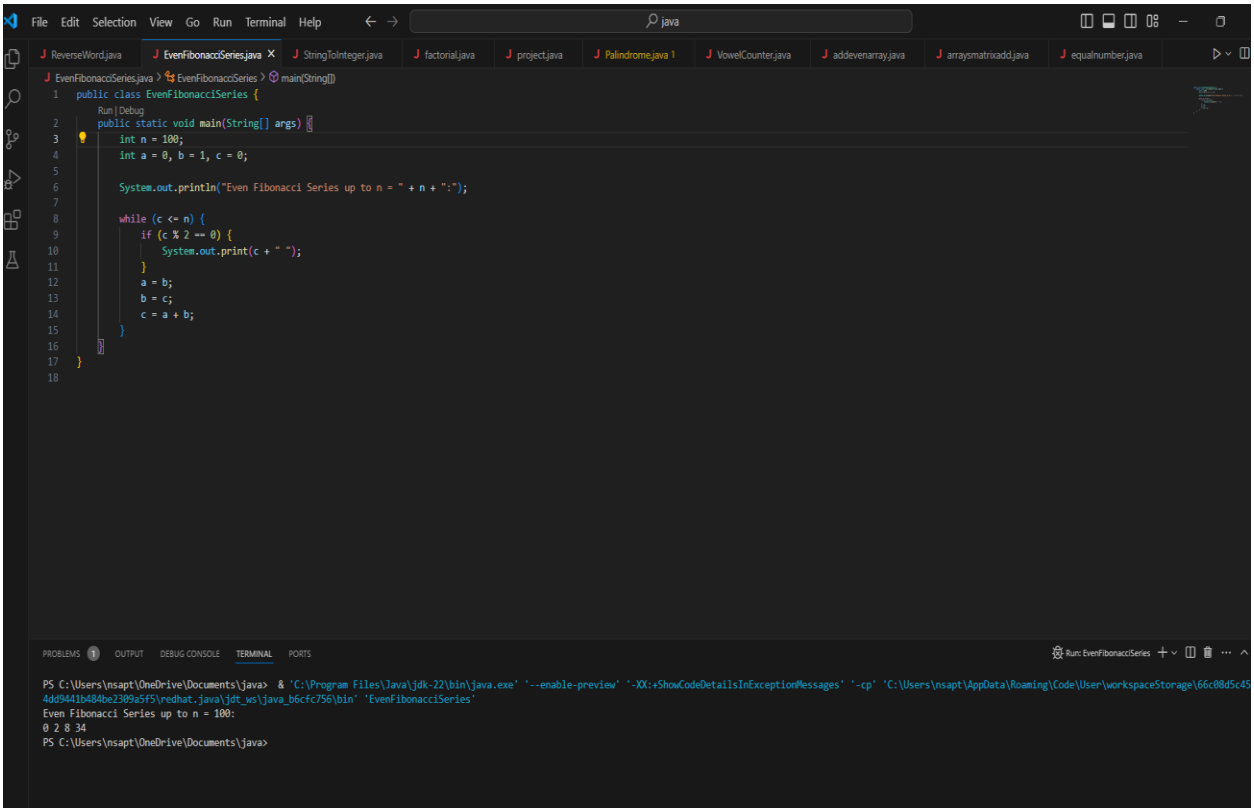
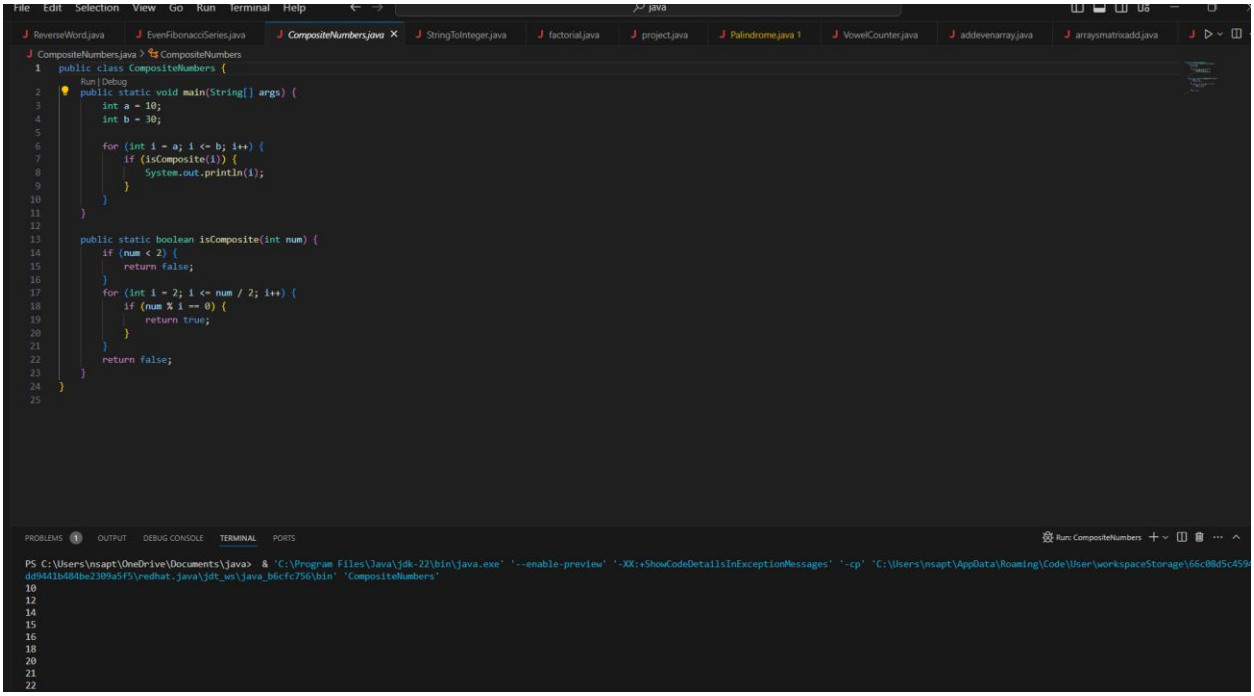
1) WRITE A PROGRAM FOR EVEN FIBNOCCI SERIES UPTO N.



INPUT : - 100

OUTPUT: - 0 2 8 34

2) WRITE A PROGRAM FOR COMPOSITE NUMBERS B/W A AND B.

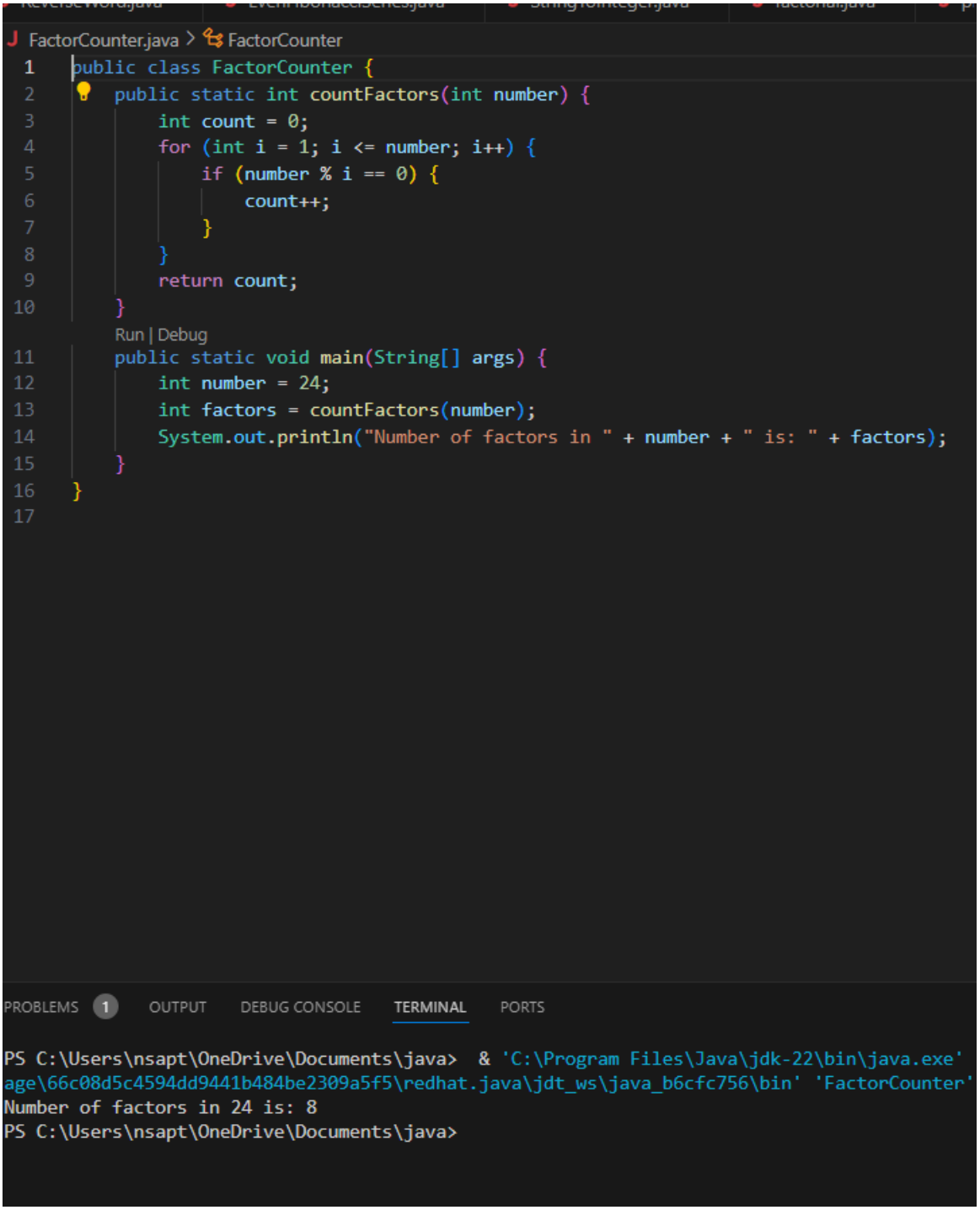


INPUT : - A=10

B=20

OUTPUT: 10,12,14,16,18,20

3) WRITE A PROGRAM FOR NO.OF FACTORS IN GIVEN NUMBER.



INPUT : - 24

OUTPUT: - 8

4) WRITE A PROGRAM FOR REVERSE A NUMBER USING LOOPS.

reverse number.java > reverse

```java
class reverse{
    Run | Debug
    public static void main(String[] args) {
        int n=123;
        int rev=0;
        while(n!=0){
            int rem=n%10;
            rev=rev*10 + rem ;
            n=n/10;
        }
        System.out.print(rev);
    }
}
```

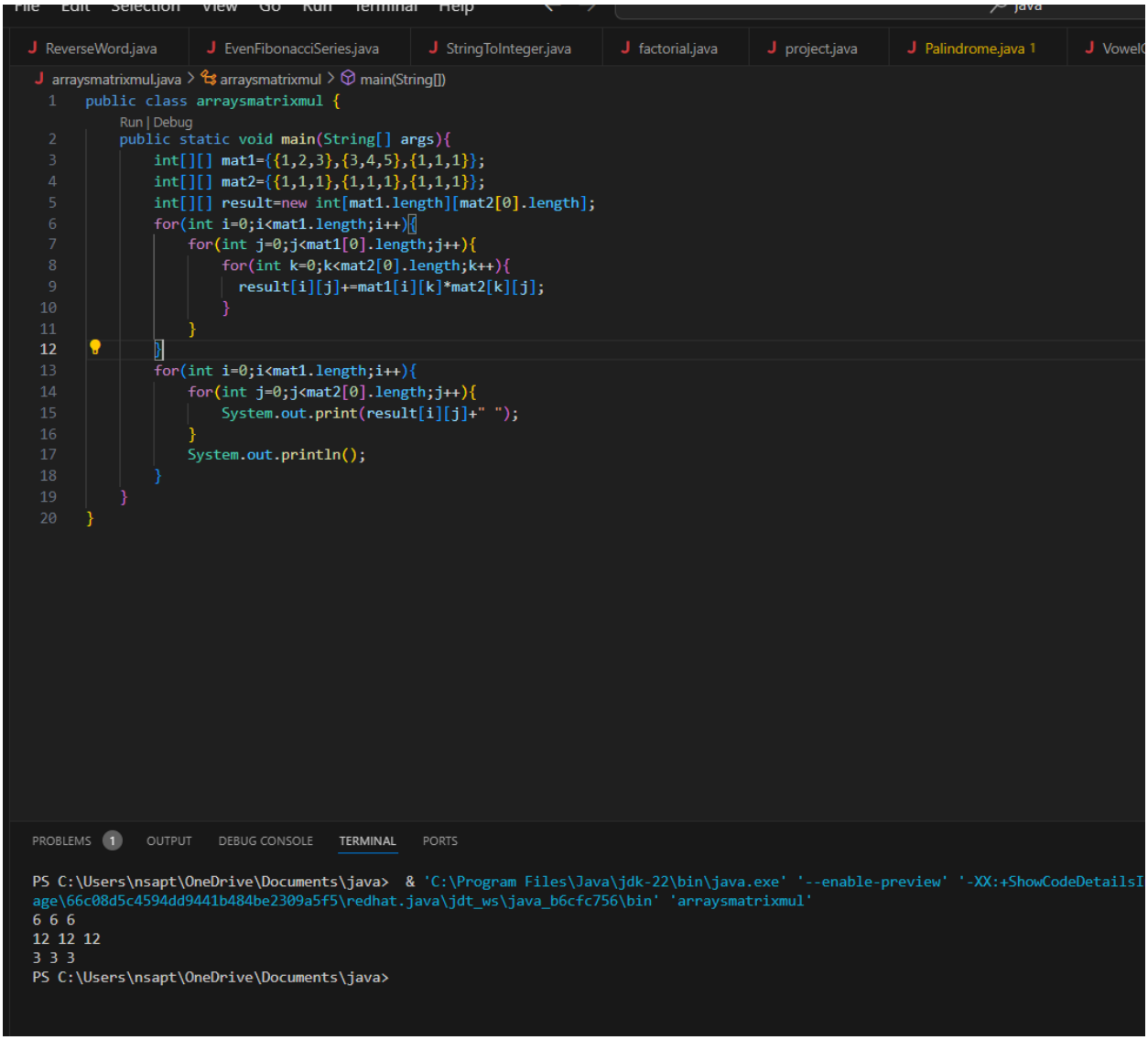
```
PROBLEMS 1  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

PS C:\Users\nsapt\OneDrive\Documents\java>  & 'C:\Program Fi
age\66c08d5c4594dd9441b484be2309a5f5\redhat.java\jdt_ws\java
321
PS C:\Users\nsapt\OneDrive\Documents\java>
```

INPUT : - 123

OUTPUT: 321

5) WRITE A PROGRAM FOR MARTIX MULTIPLICATIONS(3*3)

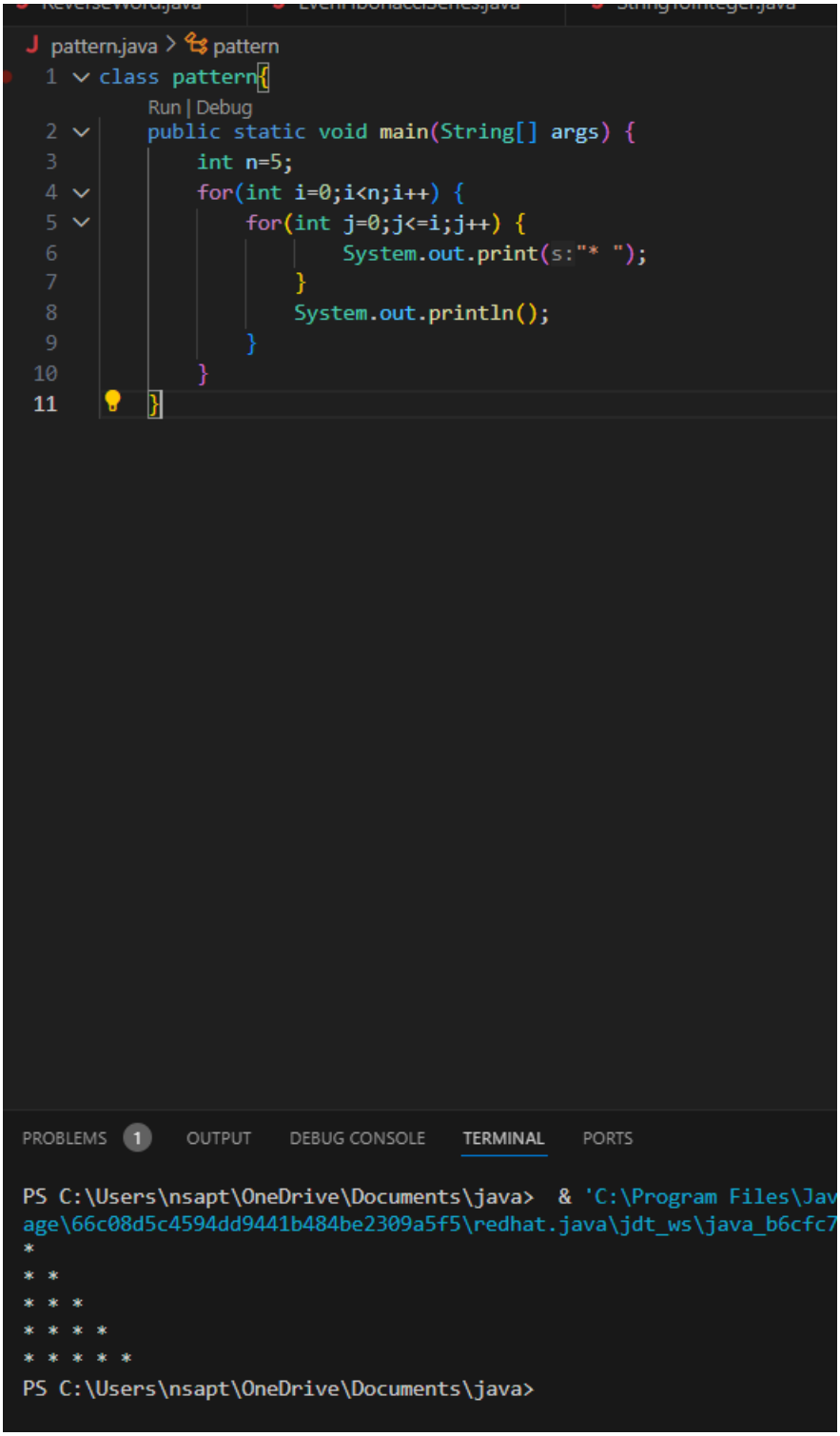


INPUT : - A=[1,2,3
3,4,5
1,1,1]

B = [1,1,1
1,1,1
1,1,1]

OUTPUT: - [6,6,6
12,12,12
3,3,3]

6) WRITE A PROGRAM FOR RIGHT ANGLED TRIANGLED IN PATTERN.



7) WRITE A PROGRAM FOR INVERTED PYRAMID IN PATTERN