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```
J no1.java > ...
1  public class no1 {
2      public static void main(String[] args) {
3
4          for(int i=1;i<=50; i++){
5              if (i%3==0){
6                  if (i%5==0){
7                      continue;
8                  }else{
9                      System.out.println(i+"is divisible by 3 ");
10                 }
11             }else if (i%5==0){
12                 if (i%3==0){
13                     continue;
14                 }else{
15                     System.out.println(i+"is divisible by 5");
16                 }
17             }
18         }
19     }
20 }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
3is divisible by 3
5is divisible by 5
6is divisible by 3
9is divisible by 3
10is divisible by 5
12is divisible by 3
18is divisible by 3
20is divisible by 5
21is divisible by 3
24is divisible by 3
25is divisible by 5
27is divisible by 3
33is divisible by 3
35is divisible by 5
36is divisible by 3
39is divisible by 3
40is divisible by 5
42is divisible by 3
48is divisible by 3
50is divisible by 5
```

J no2.java > no2 > main(String[])

```
1  import java.util.Scanner;
2
3  public class no2 {
    Run | Debug
4      public static void main(String[] args) {
5          Scanner sc=new Scanner (System.in);
6          System.out.println(x: "enter a number");
7          int i=sc.nextInt();
8          for(int a=1;a<=i;a++){
9              if(a%4!=0){
10                 System.out.println(a);
11             }
12         }
13     }
14
15 }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\ACER\OneDrive\Desktop\week 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' -cp 'C:\Users\ACER\AppData\Roaming\Code\User\workspaceStorage\redhat.java\jdt_ws\week 1_30894cc2\bin' 'no2'

enter a number

10

1

2

3

5

6

7

9

10

PS C:\Users\ACER\OneDrive\Desktop\week 1> ^C

no3.java > no3 > main(String[])

```
1  public class no3 {  
    Run | Debug  
2  public static void main(String[] args) {  
3      for(int i=1;i<=30;i++){  
4          if(i%3==0){  
5              if(i%5==0){  
6                  System.out.println(i+ "FizzBuzz");  
7              }else{  
8                  System.out.println(i+ "Fizz");  
9              }  
10         }else if (i%5==0){  
11             if(i%3==0){  
12                 System.out.println(i+ "FizzBuzz");  
13             }else{  
14                 System.out.println(i+ "Buzz");  
15             }  
16         }  
17     }  
18 }  
19 }  
20 }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
3Fizz  
5Buzz  
6Fizz  
9Fizz  
10Buzz  
12Fizz  
15FizzBuzz  
18Fizz  
20Buzz  
21Fizz  
24Fizz  
25Buzz  
27Fizz  
30FizzBuzz
```

PS C:\Users\ACER\OneDrive\Desktop\week 1>

```
J no4.java > no4 > main(String[])
1 import java.util.Scanner;
2
3 public class no4 {
4     Run | Debug
5     public static void main(String[] args) {
6         for(int i=1;i<=10;i++){
7             Scanner sc=new Scanner(System.in);
8             System.out.println(x: "enter a number");
9             int a = sc.nextInt();
10            if (a>20 && a%2==0){
11                System.out.println(a+"is greater than 20 and is even");
12            }
13        }
14    }
15 }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

enter a number
1
enter a number
2
enter a number
20
enter a number
22
22is greater than 20 and is even
enter a number
21
enter a number
29
enter a number
28
28is greater than 20 and is even
enter a number
1
enter a number
2
enter a number
3
PS C:\Users\ACER\OneDrive\Desktop\week 1>

```
J no5.java > no5 > main(String[])
1 public class no5 {
2     Run | Debug
3     public static void main(String[] args) {
4         int sum =0;
5         int product=1;
6         for(int i=1;i<=10;i++){
7             if(i%2==0){
8                 sum +=i;
9             }else {
10                product *= i;
11            }
12        }
13        System.out.println("the sum of even numbers from 1 to 10 is "+sum);
14        System.out.println("the product of odd numbers from 1 to 10 is "+product);
15    }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\ACER\OneDrive\Desktop\week 1> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '-XX:+ShowCodeD
exceptionMessages' '-cp' 'C:\Users\ACER\AppData\Roaming\Code\User\workspaceStorage\7ffac54c284527c648c3bd
e\redhat.java\jdt_ws\week_1_30894cc2\bin' 'no5'
the sum of even numbers from 1 to 10 is 30
the product of odd numbers from 1 to 10 is 945
PS C:\Users\ACER\OneDrive\Desktop\week 1>

J no6.java > no6 > main(String[])

```
1  public class no6 {  
    Run | Debug  
2      public static void main(String[] args) {  
3          for(int i=1;i<=30;i++){  
4              if(i==15){  
5                  System.out.println(x: "skip");  
6              }else if (i%4==0){  
7                  int divi=i*i;  
8                  System.out.println(divi);  
9              }else{  
10                 System.out.println(i);  
11             }  
12         }  
13         System.out.println(x: "done");  
14     }  
15 }  
16
```

```
1
2
3
16
5
6
7
64
9
10
11
144
13
14
skip
256
17
18
19
400
21
22
23
576
25
26
27
784
29
30
done
PS C:\Users\ACER\OneDrive\Desktop\week_1>
```

J no7.java > no7 > main(String[])

```
3 public class no7 {
    Run | Debug
4     public static void main(String[] args) {
5         int pass=12345;
6         for (int i=0;i<=5;i++){
7             Scanner sc=new Scanner(System.in);
8             System.out.println(x: "enter your PIN");
9             int password= sc.nextInt();
10            if (pass==password){
11                System.out.println(x: "access granted");
12                break;
13            }else{
14                System.out.println(x: "incorrect PIN,try again");
15            }if(i==2){ ...
19        }
20    }
21 }
```

PROBLEMS 12 OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
incorrect PIN,try again
enter your PIN
12345
access granted
PS C:\Users\ACER\OneDrive\Desktop\week 1> ^C
PS C:\Users\ACER\OneDrive\Desktop\week 1>
PS C:\Users\ACER\OneDrive\Desktop\week 1> c:: cd 'c:\Users\ACER\OneDrive\Desktop\week 1_30894cc2'
va\jdk-24\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ACER\OneDrive\Desktop\week 1_30894cc2\workspaceStorage\7ffac54c284527c648c3bd876e55f0ae\redhat.java\jdt_ws\week 1_30894cc2'
enter your PIN
1
incorrect PIN,try again
enter your PIN
2
incorrect PIN,try again
enter your PIN
3
incorrect PIN,try again
Account locked
PS C:\Users\ACER\OneDrive\Desktop\week 1> 
```