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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     }
```

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 {
4     Run | Debug
5     public static void main(String[] args) {
6         Scanner sc=new Scanner (System.in);
7         System.out.println("enter a number");
8         int i=sc.nextInt();
9         for(int a=1;a<=i;a++){
10             if(a%4!=0){
11                 System.out.println(a);
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' '-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
PS C:\Users\ACER\OneDrive\Desktop\week 1>
```

```
J no3.java > no3 > main(String[])
1  public class no3 {
2      Run | Debug
3          public static void main(String[] args) {
4              for(int i=1;i<=30;i++){
5                  if(i%3==0){
6                      if(i%5==0){
7                          System.out.println(i+ "FizzBuzz");
8                      }else{
9                          System.out.println(i+ "Fizz");
10                     }
11                 }else if (i%5==0){
12                     if(i%3==0){
13                         System.out.println(i+ "FizzBuzz");
14                     }else{
15                         System.out.println(i+ "Buzz");
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("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
22 is greater than 20 and is even
enter a number
21
enter a number
29
enter a number
28
28 is 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     }
16 }
```

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:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\ACER\AppData\Roaming\Code\User\workspaceStorage\7ffac54c284527c648c3bd\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      }
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 {
4      Run | Debug
5      public static void main(String[] args) {
6          int pass=12345;
7          for (int i=0;i<=5;i++){
8              Scanner sc=new Scanner(System.in);
9              System.out.println("enter your PIN");
10             int password= sc.nextInt();
11             if (pass==password){
12                 System.out.println("access granted");
13                 break;
14             }else{
15                 System.out.println("incorrect PIN,try again");
16             }if(i==2){ ...
17         }
18     }
19 }
20 }
21 }
22 }

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\we
va\jdk-24\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\AC
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>
```