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Easy, Max Score: 3, Success Rate: 97.37%

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Welcome to Java!  
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Java Stdin and Stdout I  
Easy, Java (Basic), Max Score: 5, Success Rate: 97.89%

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☐ Java (Intermediate)  
☐ Problem Solving (Intermediate)

Java If-Else  
Easy, Java (Basic), Max Score: 10, Success Rate: 90.68%

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DIFFICULTY  
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Java Stdin and Stdout II  
Easy, Java (Basic), Max Score: 10, Success Rate: 91.65%

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SUBDOMAINS  
☐ Introduction  
☐ Strings  
☐ BigInteger  
☐ Data Structures  
☐ Object Oriented Programming  
☐ Exception Handling  
☐ Advanced

Java Output Formatting  
Easy, Java (Basic), Max Score: 10, Success Rate: 96.74%

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Java Loops I  
Easy, Java (Basic), Max Score: 10, Success Rate: 97.97%

★ Solved

Java Loops II  
Easy, Java (Basic), Max Score: 10, Success Rate: 96.91%

★ Solved

Java Datatypes  
Easy, Java (Basic), Max Score: 10, Success Rate: 93.48%

★ Solved

Java End-of-file  
Easy, Java (Basic), Max Score: 10, Success Rate: 98.05%

★ Solved

Java Static Initializer Block  
Easy, Java (Basic), Max Score: 10, Success Rate: 96.07%

★ Solved

## WELCOME TO JAVA

```
public class Solution {  
    public static void main(String[] args) {  
        System.out.print("Hello, World. \n");  
        System.out.print("Hello, Java.");  
    }  
}
```

## JAVA STDIN AND STDOUT I

```
import java.util.*;  
  
public class Solution {  
  
    public static void main(String[] args) {  
        Scanner scan = new Scanner(System.in);  
        int a = scan.nextInt();  
        int b = scan.nextInt();  
        int c = scan.nextInt();  
        System.out.println(a);  
        System.out.println(b);  
        System.out.println(c);  
    }  
}
```

## JAVA IF-ELSE

```
import java.io.*;  
import java.math.*;  
import java.security.*;  
import java.text.*;  
import java.util.*;  
import java.util.concurrent.*;  
import java.util.regex.*;  
public class Solution {  
    private static final Scanner scanner = new Scanner(System.in);  
  
    public static void main(String[] args) {
```

```

    int N = scanner.nextInt();
    scanner.skip("(\\r\\n|[\\n\\r\\u2028\\u2029\\u0085])?");
    if(N%2!=0 || N%2==0 && N >= 6 && N <= 20)
        System.out.print("Weird");
    else if(N%2==0 && N>= 2 && N<= 5 || N%2==0 && N>20)
        System.out.print("Not Weird");
    scanner.close();
}
}

```

## JAVA STDIN AND STDOUT II

```

import java.util.Scanner;
public class Solution {
    public static void main(String[] args) {
        Scanner scan = new Scanner(System.in);
        int i = scan.nextInt();
        double d=scan.nextDouble();
        scan.nextLine();
        String s=scan.nextLine()
        System.out.println("String: " + s);
        System.out.println("Double: " + d);
        System.out.println("Int: " + i);
    }
}

```

## JAVA OUTPUT FORMATTING

```

import java.util.Scanner;
public class Solution {
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        System.out.println("=====");
        for(int i=0;i<3;i++){
            String s1=sc.next();
            int x=sc.nextInt();
            System.out.printf("%-14s %03d\\n", s1, x);
        }
        System.out.println("=====");
    }
}

```

## JAVA LOOPS I

```
import java.io.*;
import java.math.*;
import java.security.*;
import java.text.*;
import java.util.*;
import java.util.concurrent.*;
import java.util.regex.*;
public class Solution {
    private static final Scanner scanner = new Scanner(System.in);
    public static void main(String[] args) {
        int p=1;
        int N = scanner.nextInt();
        scanner.skip("(\\r\\n|\\n\\r\\u2028\\u2029\\u0085)??");
        for(int i=1;i<11;i++)
        {
            p=N*i;
            System.out.println(N + " x " +i+ " = " +p);
        }
        scanner.close();
    }
}
```

## JAVA LOOPS II

```
import java.util.*;
import java.io.*;
class Solution{
    public static void main(String []argh){
        Scanner in = new Scanner(System.in);
        int t=in.nextInt();
        for(int i=0;i<t;i++){
            int result=0;
            int a = in.nextInt();
            int b = in.nextInt();
            int n = in.nextInt();
            for (int j = 0; j < n; j++ ){
                if(j==0){
                    result = result + (a + (int)Math.pow(2,j) * b);
                }
            }
        }
    }
}
```

```

        else{
            result = result + ((int)Math.pow(2,j) * b);
        }
        System.out.print(result+" ");
    }
    System.out.println();
}
in.close();
}
}

```

## **JAVA DATATYPES**

```

import java.util.*;
import java.io.*;
class Solution{
    public static void main(String []argh)
    {
        Scanner sc = new Scanner(System.in);
        int t=sc.nextInt();
        for(int i=0;i<t;i++)
        {
            try
            {
                long x=sc.nextLong();
                System.out.println(x+" can be fitted in:");
                if(x>=-128 && x<=127)System.out.println("* byte");
                if(x>=-32768 && x<=32767)
                System.out.println("* short");
                if(x>=-2147483648 && x<=2147483647)
                System.out.println("* int");
                if(x>=-9223372036854775808L &&
                x<=9223372036854775807L)
                System.out.println("* long");
            }
            catch(Exception e)
            {
                System.out.println(sc.next()+" can't be fitted anywhere.");
            }
        }
    }
}

```

## JAVA END OF FILE

```
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

public class Solution {

    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int i=1;
        while (sc.hasNext()) {
            String s=sc.nextLine();
            System.out.println(i + " " + s);
            i++;
        }
    }
}
```

## JAVA STATIC INITIALIZER BLOCK

```
import java.io.*;
import java.util.*;
import java.text.*;
import java.math.*;
import java.util.regex.*;

public class Solution {
    static int B,H;
    static boolean flag = true;
    static {
        Scanner sc = new Scanner(System.in);
        B = sc.nextInt();
        H = sc.nextInt();
        if(B<=0 || H<=0){
            System.out.println("java.lang.Exception: Breadth and height must be positive");
            flag = false;
        }
    }
}
```

```
    }  
  }  
  public static void main(String[] args){  
    if(flag){  
      int area=B*H;  
      System.out.print(area);  
    }  
  
    }//end of main  
  
  }//end of class
```