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1. Write a Java program to print "Hello World".

```java
class helloworld
{
    public static void main(String args[])
    {
        System.out.println("Hello World");
    }
}
```

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2. Write a Java program to find largest of three numbers using if construct.

```java
class largest
{
    public static void main (String args[ ])
    {
        int  a = 30,  b = 45,  c = 20;
        if (a > b && a > c)
            System.out.println("Largest number is " + a);
        else if (b > a && b > c)
            System.out.println("Largest number is " + b);
        else
            System.out.println("Largest number is " + c);
    }
}
```

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3. Write a Java program to print the values from 1 to n by taking input from the user.

```java
import java.util. Scanner;
class Numbers
{
    public static void main(String args[])
    {
        int i, n;
        Scanner in = new Scanner (System.in);
        System.out.println ("Enter the value of n : ");
        n = in.nextInt();
        System.out.println(" Numbers from 1 to " + n +
        "  are : ");
        for(i=1; i<=n ; i++)
        {
            System.out.println(i);
        }
    }
}
```

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4. Write a Java program to accept a number n from the user and print n rows of output as given below.

If n = 4, then the output should look like →

```
1
2    3
4    5    6
7    8    9    10
```

```java
import java.util.Scanner;
class rowsofnumbers
{
    public static void main (String args[])
    {
        int n, i, j, k=0;
        Scanner in = new Scanner (System.in);
        System.out.println("Enter the value of n : ");
        n = in.nextInt()
        System.out.println();
        for (i=1; i<=n; i++)
        {
            for (j=1; j<=i; j++)
            {
                System.out.print(++k + "\t");
            }
            System.out.println();
        }
    }
}
```

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5. Write a JAVA program to accept the CIE marks (Out of 50) and SEE marks (Out of 100) of a student and print his/her grade. Use if..... elseif ladder.

```java
import java.util.Scanner;
class grades
{
    public static void main(String args[])
    {
        int cie_marks[] = new int[6];
        int see_marks[] = new int[6];
        int i;
        float avg, total=0;
        Scanner in = new Scanner(System.in);
        for(i=0; i<6; i++)
        {
            System.out.print("Enter CIE marks of subject "
                + (i+1) + " out of 50 : ");
            cie_marks[i] = in.nextInt();
            System.out.print("Enter SEE marks of subject"
                + (i+1) + " out of 100 : ");
            see_marks[i] = in.nextInt();
            System.out.println();
            total = total + (float) cie_marks[i] +
                (((float) see_marks[i])/(float)2);
        }
        avg = total/6;
        System.out.print("The student Grade is : ");
        if(avg >=80)
        {
            System.out.print("A");
        }
    }
```

```java
        else if(avg >=60 && avg <80)
        {
            System.out.print("B");
        }
        else if(avg >=40 && avg <60)
        {
            System.out.print("C");
        }
        else
        {
            System.out.print("D");
        }
    }
}
```

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6. Write a Java program to print the prime numbers between given two integers (inclusive). Accept these two integers from the user.

```java
import java.util.Scanner;
class prime_numbers
{
    public static void main(String args[])
    {
        int count, start, end;
        Scanner pr = new Scanner(System.in);
        System.out.print("Enter Starting Number : ");
        start = pr.nextInt();
        System.out.print("Enter Ending Number : ");
        end = pr.nextInt();
        System.out.println(" Prime numbers in the range
        from " + start + " to " + end + " are : ");
        for(int i = start; i <= end; i++)
        {
            count = 0;
            for(int j = 1; j <= i; j++)
            {
                if(i % j == 0)
                    count = count + 1;
            }
            if(count == 2)
                System.out.println(i);
        }
    }
}
```