3   Class Raws {
      public static void main (string arg [])
          {
          int s[ ][ ] = new Int [4][ ];
          s[0] = new int [1];
          s[1] = new int [2];
          s[2] = new int [3];

          int i, j, k = 1;
          for (i= 0; i<4; i++)
            for(i = 0; i<4; i++)
            for (j= 0; j<i+1; j++)
              {
              s[i][j] = k;
              k++;
              3
          for(i=0; i<4; i++){
            for(j= 0; j<i+1; j++)
              {
              s[i][j]= k;
              k++;
              3
          for (i= 0; i<4; i++) {
            for (j=0; j<i+1; j++)
                System. out. print (s[i][j] + " ");
                System.out. println ();
              3
            3
          3
          3

```

```java
4   Class student {
    public static void main (string arg[])
    {
        int m= 30;
        int m1= 80;
        int total = m+m1 /2;

        if (total >= 90) {
            system.out.print ("S grade"); }
        else if (total >= 80 && total < 90)
            { system.out.print ("A grade"); }

        else if (total >= 70 && total < 80) {
            System.out.print ("B grade"); }

        else if (total >= 60 && total < 70) {
            system.out.print ("C grade"); }

        else if (total >= 50 && total < 60) {
            system.out.print ("D grade"); }

        else if (total < 40) {
            system.out.print ("F grade"); }
        }
    }
```

5

```java
da class prime {
    public static void main(string args[]) {
        flag = 0;
        int a;
        int b = 20;
        for (a = 2; a <= b; a++)
        {
            for (int k = 2; k <= a/2; k++)
            {
                if (a% k == 0)
                { flag = 1;
                    break;
                }
            if (flag ==0) {
                System.out.println(" ");  }
            }
        }
    }
}
```

Scanned with CamScanner

```java
6    class ava vol {
     public static void main(string args[])
     {
        double r = 15, h = 25;
        System.out.println("Radius: " + r, "Height: " + h);

        double cya = 2 + 3.14 * r * h + 2 * 3.14 * r * r;
        double cyv = 3.14 * r * r * h;

        double cr = 3.14 * r * r * 3.14 * r * math.sqrt
                                            (4 * h + r * r);

        double sa = 4 * 3.14 * r * r;
        double sv = 4 / 3 * 3.14 * r * r * r;

        system.out.println("Area of Cylinder: " + cya);
        system.out.println("Area of Cylinder: " + cyv);
        system.out.println("Area of Cone: " + cv);
        System.out.println("Area of sphere: " + sa);
        system.out.println("Vol of sphere: " + sv);
     }
}
```