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import java.util.Scanner;
public class DataMahasiswa {
    public static void main(String[] args) {
        String mahasiswa[] = new String[100];
        int nilai[] = new int[100];

        Scanner sc = new Scanner(System.in);
        String inputData = "y";
        int i=0;
        do {
            System.out.print("Masukan Nama: ");
            mahasiswa[i] = sc.nextLine();

            System.out.print("masukan Nilai: ");
            nilai[i] = sc.nextInt();
            sc.nextLine();

            System.out.print("input lagi?:(y/n)");
            inputData = sc.nextLine();
            i++;
        } while(i<mahasiswa.length && inputData.equalsIgnoreCase("y"));
        sc.close();

        System.out.println("\nMasukan Jumlah Data: "+ i);

        System.err.println("");
        int x=1;
        for (int j = 0; j < mahasiswa.length; j++){
            if(mahasiswa[j]!=null){
                System.err.println("_____");
                System.err.println("Mahasiswa ke: "+ (x++));
                System.err.println("Nama Mahasiwa: "+mahasiswa[j]);
                System.err.println("Nilai: "+nilai[j]);
            }
        }

        System.out.println("\nDaftar Mahsiswa");

        System.out.println("=====
        =====");
        System.out.println("No \t\t Nama \t\t Nilai \t\t Keterangan");
        System.out.println("_____");
        x=1;
        for (int k = 0; k < mahasiswa.length; k++){
            if (mahasiswa[k] != null) {
                String keterangan = (nilai[k] >=75) ? "Lulus" : "Tidak Lulus";
                System.out.println((x++) + "\t\t" + mahasiswa[k] + "\t\t" + nilai[k] + "\t\t"
+keterangan);
            }
        }
    }
}

```

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    }  
  }  
  System.out.println("=====");  
  double Jumlah=0;  
  for (double num : nilai){  
    Jumlah +=num;  
  }  
  System.out.println("jumlah nilai:"+Jumlah);  
  double rata2 = Jumlah / i;  
  System.out.println("Nilai rata-rata:"+rata2);  
}  
}
```