# Atividade TPA

Soma Simples - https://judge.beecrowd.com/pt/problems/view/1003

```
import java.io.IOException;
public class Main {
   public static void main(String[] args) throws IOException {
      Scanner ler = new Scanner(System.in);
      int A = ler.nextInt();
      int B = ler.nextInt();


      int SOMA = A + B;


      System.out.println("SOMA = " + SOMA);
      ler.close();
   }
}
```

Media 3 - https://judge.beecrowd.com/pt/problems/view/1040

```
import java.util.Scanner;


public class Main {
   public static void main(String[] args) {
      Scanner ler = new Scanner(System.in);


      double N1 = ler.nextDouble();
      double N2 = ler.nextDouble();
      double N3 = ler.nextDouble();
      double N4 = ler.nextDouble();
```

```
        double media = (N1 * 2 + N2 * 3 + N3 * 4 + N4 * 1) / 10.0;

        System.out.println("Media:" media);

        if (media >= 7.0) {
            System.out.println("Aluno aprovado.");
        } else if (media < 5.0) {
            System.out.println("Aluno reprovado.");
        } else {

            System.out.println("Aluno em exame.");
            double exame = ler.nextDouble();
            System.out.println("Nota do exame:", exame);

            double mediaFinal = (media + exame) / 2.0;

            if (mediaFinal >= 5.0) {
                System.out.println("Aluno aprovado.");
            } else {
                System.out.println("Aluno reprovado.");
            }

            System.out.println("Media final:", mediaFinal);
        }

        ler.close();
    }
}
```

Preenchimento de Vetor - https://judge.beecrowd.com/pt/problems/view/1173

```
import java.util.Scanner;
public class Main {
   public static void main(String[] args) {
      Scanner ler = new Scanner(System.in);


      int V = ler.nextInt();


      int[N]= new int[10];
      N[0] = V;


      for (int i = 1; i < 10; i++) {
         N[i] = N[i - 1] * 2;
      }


      for (int i = 0; i < 10; i++) {
         System.out.println("N[" + i + "] = " + N[i]);
      }
      ler.close();
   }
}
```

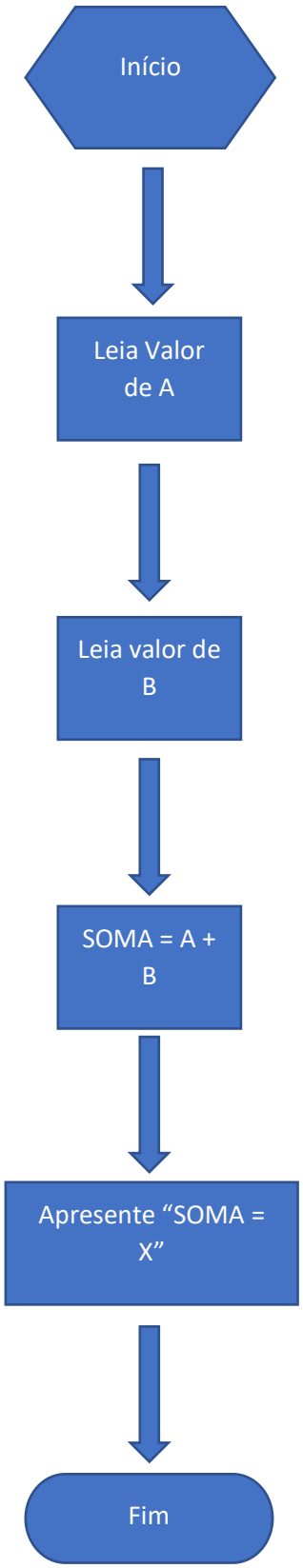
Mês - https://judge.beecrowd.com/pt/problems/view/1052

```
import java.util.Scanner;

public class Main {
    public static void main(String[] args) {
        Scanner ler = new Scanner(System.in);

        int n = ler.nextInt();

        switch (n) {
            case 1:
                System.out.println("January");
                break;
            case 2:
                System.out.println("February");
                break;
            case 3:
                System.out.println("March");
                break;
            case 4:
                System.out.println("April");
                break;
            case 5:
                System.out.println("May");
                break;
            case 6:
                System.out.println("June");
                break;
            case 7:
```

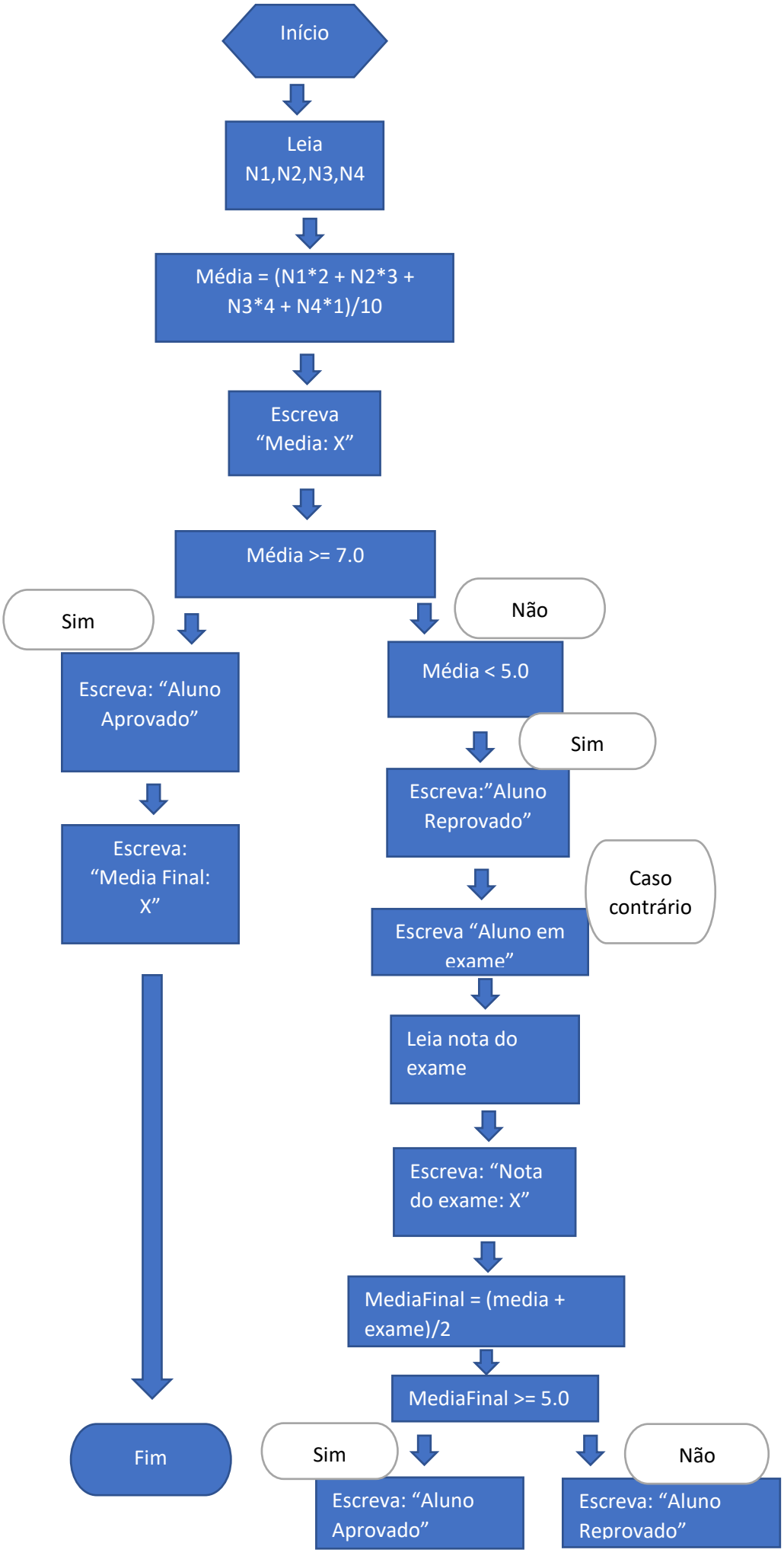
```
            System.out.println("July");
            break;
        case 8:
            System.out.println("August");
            break;
        case 9:
            System.out.println("September");
            break;
        case 10:
            System.out.println("October");
            break;
        case 11:
            System.out.println("November");
            break;
        case 12:
            System.out.println("December");
            break;
      }

      ler.close();
   }
}
```

# DIAGRAMAS

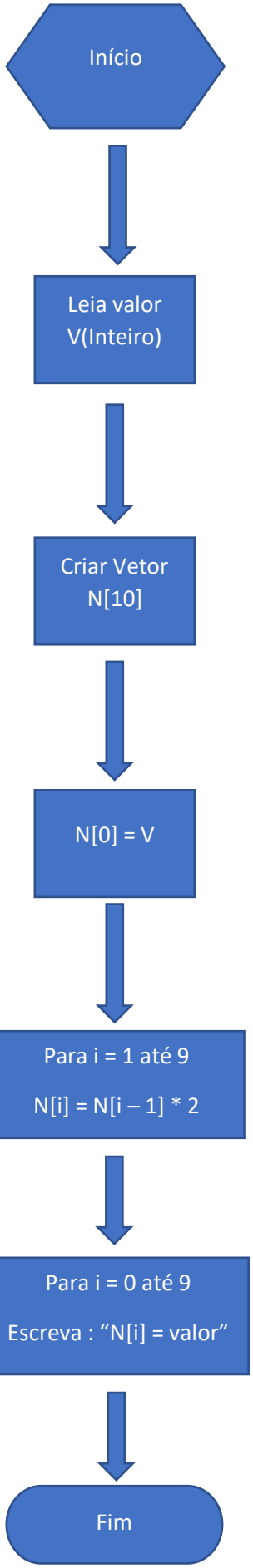
Soma Simples:



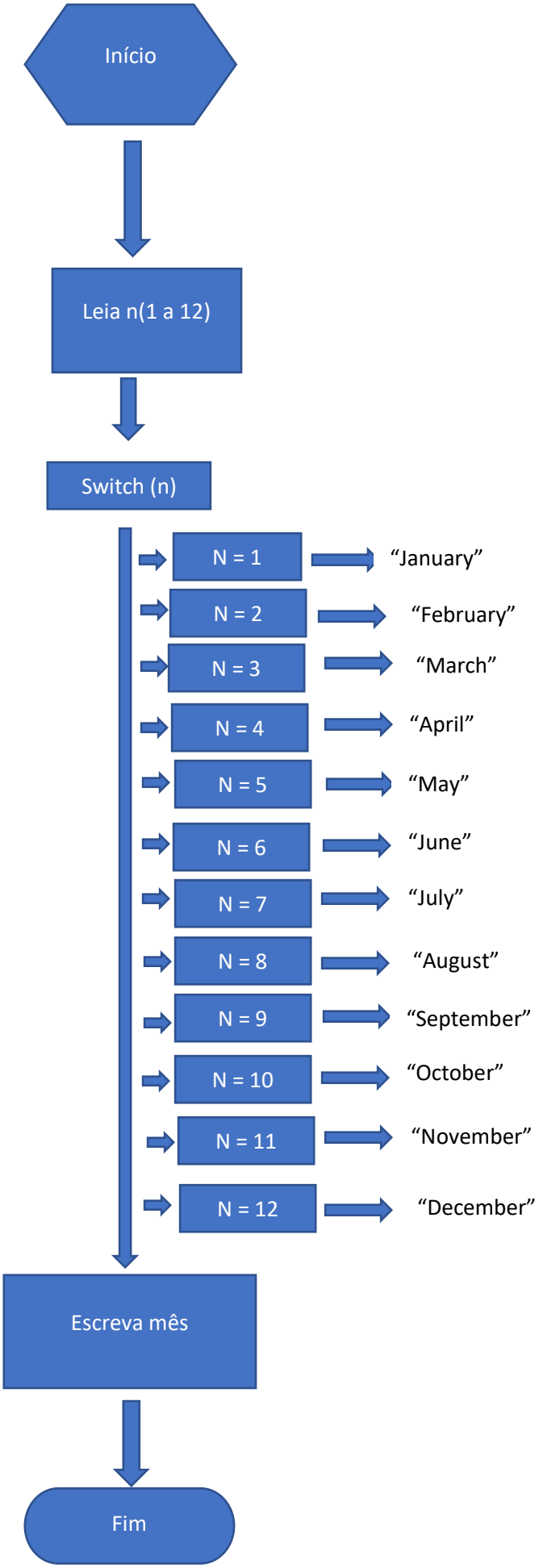
Media 3:


Início
Leia N1,N2,N3,N4
Média = (N1*2 + N2*3 + N3*4 + N4*1)/10
Escreva "Media: X"
Média >= 7.0
Sim
Escreva: "Aluno Aprovado"
Escreva: "Media Final: X"
Não
Média < 5.0
Sim
Escreva:"Aluno Reprovado"
Caso contrário
Escreva "Aluno em exame"
Leia nota do exame
Escreva: "Nota do exame: X"
MediaFinal = (media + exame)/2
MediaFinal >= 5.0
Sim
Escreva: "Aluno Aprovado"
Não
Escreva: "Aluno Reprovado"
Fim

Preenchimento de Vetor:



Mês:


Início
Leia n(1 a 12)
Switch (n)
N = 1
"January"
N = 2
"February"
N = 3
"March"
N = 4
"April"
N = 5
"May"
N = 6
"June"
N = 7
"July"
N = 8
"August"
N = 9
"September"
N = 10
"October"
N = 11
"November"
N = 12
"December"
Escreva mês
Fim