1\_ [**Teste de Seleção 1**](https://www.beecrowd.com.br/judge/pt/problems/view/1035)

**import java.io.IOException;**

**import java.util.Scanner;**

**public class URI 1035 {**

**public static void main(String[] args) throws IOException {**

**Scanner leitor = new Scanner(System.in);**

**int a = leitor.nextInt();**

**int b = leitor.nextInt();**

**int c = leitor.nextInt();**

**int d = leitor.nextInt();**

**if (b > c && d > a && c > 0 && d > 0 && (c + d) > (a + b) && a % 2 == 0) {**

**System.out.println("Valores aceitos");**

**} else {**

**System.out.println("Valores nao aceitos");**

**}**

**}**

**}**

2\_Intervalo

#include <stdio.h>

int main() {

double A;

scanf("%lf",&A);

if(A<0 || A>100.0)

printf("Fora de intervalo\n");

else if(A<=25.0)

printf("Intervalo [0,25]\n");

else if(A<=50.0)

printf("Intervalo (25,50]\n");

else if(A<=75.0)

printf("Intervalo (50,75]");

else if(A<=100.0)

printf("Intervalo (75,100]\n");

return 0;

}

3\_Lanche

#include <stdio.h>

int main() {

int X,Y;

scanf("%d %d",&X,&Y);

if (X==1)

printf("Total: R$ %.2f\n",4.00\*Y);

else

if (X==2)

printf("Total: R$ %.2f\n",4.50\*Y);

else

if (X==3)

printf("Total: R$ %.2f\n",5.00\*Y);

else

if (X==4)

printf("Total: R$ %.2f\n",2.00\*Y);

else

if (X==5)

printf("Total: R$ %.2f\n",1.50\*Y);

return 0;

}

4\_ Média 3

**#include <stdio.h>**

**int main() {**

**double N1, N2, N3, N4, EF, M;**

**scanf("%lf %lf %lf %lf", &N1, &N2, &N3, &N4);**

**M = (N1\*2+N2\*3+N3\*4+N4)/10;**

**printf("Media: %.1f\n", M);**

**if (M >= 7.0){**

**printf("Aluno aprovado.\n");**

**}**

**else if (M >= 5.0)**

**{**

**printf("Aluno em exame.\n");**

**scanf("%lf", &EF);**

**printf("Nota do exame: %.1f\n", EF);**

**if (EF + M / 2.0 > 5.0){**

**printf("Aluno aprovado.\n");**

**}**

**else{**

**printf("Aluno reprovado.\n");**

**}**

**printf("Media final: %.1f\n", (EF + M ) / 2.0);**

**}**

**else{**

**printf("Aluno reprovado.\n");**

**}**

**return 0;**

**}**

5\_Coordenadas de um ponto

#include <stdio.h>

int main () {

double x, y;

scanf("%lf %lf", &x, &y);

if (x == 0.0 && y == 0.0)

printf("Origem\n");

else if (x > 0 && y > 0)

printf("Q1\n");

else if (x < 0 && y > 0)

printf("Q2\n");

else if (x < 0 && y < 0)

printf("Q3\n");

else if (x > 0 && y < 0)

printf("Q4\n");

else if (x == 0)

printf("Eixo Y\n");

else if (y == 0)

printf("Eixo X\n");

return 0;

}

6\_Sort simples

#include <stdio.h>

int main()

{

int num1, num2, num3, cont1, cont2, cont3, comparador;

scanf("%d %d %d", &num1, &num2, &num3);

cont1 = num1;

cont2 = num2;

cont3 = num3;

if (cont1 < cont2)

{

comparador = cont1;

cont1 = cont2;

cont2 = comparador;

}

if (cont2 < cont3)

{

comparador = cont2;

cont2 = cont3;

cont3 = comparador;

}

if (cont1 < cont2)

{

comparador = cont1;

cont1 = cont2;

cont2 = comparador;

}

printf("%d\n%d\n%d\n\n%d\n%d\n%d\n",cont3,cont2,cont1,num1,num2,num3);

return 0;

}

7\_Tipos de triângulo

#include <stdio.h>

int main() {

float a, b, c, x;

scanf("%f %f %f", &a, &b, &c);

if (a < b){ x = a; a = b; b = x; }

if (b < c){ x = b; b = c; c = x; }

if (a < b){ x = a; a = b; b = x; }

if (a >= b + c) printf("NAO FORMA TRIANGULO\n");

else

if (a \* a == b \* b + c \* c)

printf("TRIANGULO RETANGULO\n");

else

if (a \* a > b \* b + c \* c)

printf("TRIANGULO OBTUSANGULO\n");

else

if (a \* a < b \* b + c \* c) printf("TRIANGULO ACUTANGULO\n");

if (a == b && b == c)

printf("TRIANGULO EQUILATERO\n");

else

if (a == b || b == c) printf("TRIANGULO ISOSCELES\n");

return 0;

}

8\_Tempo de jogo

import java.io.IOException;

import java.util.Scanner;

public class URI 1046 {

public static void main(String[] args) throws IOException {

Scanner leitor = new Scanner(System.in);

int hInicial = leitor.nextInt();

int hFinal = leitor.nextInt();

if (hInicial > hFinal) {

System.out.println("O JOGO DUROU " + (24 - (hInicial - hFinal)) + " HORA(S)");

} else if (hFinal > hInicial) {

System.out.println("O JOGO DUROU " + (hFinal - hInicial) + " HORA(S)");

} else {

System.out.println("O JOGO DUROU 24 HORA(S)");

}

}

}

9\_Aumento de salário

import java.io.IOException;

import java.util.Scanner;

public class URI 1046 {

public static void main(String[] args) throws IOException {

Scanner leitor = new Scanner(System.in);

int hInicial = leitor.nextInt();

int hFinal = leitor.nextInt();

if (hInicial > hFinal) {

System.out.println("O JOGO DUROU " + (24 - (hInicial - hFinal)) + " HORA(S)");

} else if (hFinal > hInicial) {

System.out.println("O JOGO DUROU " + (hFinal - hInicial) + " HORA(S)");

} else {

System.out.println("O JOGO DUROU 24 HORA(S)");

}

}

}

10\_imposto de renda

#include <stdio.h>

int main() {

float salario;

scanf("%f", &salario);

if (salario <= 2000.0)

printf("Isento\n");

else if (salario <= 3000.0)

printf("R$ %.2f\n", (salario - 2000.0) \* 0.08);

else if (salario <= 4500.0)

printf("R$ %.2f\n", 1000.0 \* 0.08 + (salario - 3000.0) \* 0.18);

else

printf("R$ %.2f\n", 1000.0 \* 0.08 + 1500.0 \* 0.18 + (salario - 4500.0) \* 0.28);

return 0;

}