Codificação de Programas em Linguagem Dart

```
/* ALG01 */
                                                /* ALG07 */
void main(){
                                                import 'dart:io';
                                                void main() {
  print("Bom dia");
                                                  int X;
                                                  int Y;
                                                  int Z;
/* ALG02 */
                                                  X = int.parse(stdin.readLineSync()!);
import 'dart:io';
                                                  Y = int.parse(stdin.readLineSync()!);
void main() {
                                                  if (X > 100) {
  int X;
                                                    Z = X + Y;
                                                    print('$Z');
 X = int.parse(stdin.readLineSync()!);
                                                  }
 print('$X');
                                                }
/* ALG03 */
                                                /* ALG08 */
import 'dart:io';
                                                import 'dart:io';
import 'dart:math';
                                                void main() {
void main() {
                                                  int X;
  int X;
                                                  int Y;
 int Y;
                                                  X = int.parse(stdin.readLineSync()!);
 X = int.parse(stdin.readLineSync()!);
                                                  Y = int.parse(stdin.readLineSync()!);
 Y = pow(X, 2).toInt();
                                                  if (X \le Y)
                                                   print('$X');
 print('$Y');
                                                  else
                                                    print('$Y');
/* ALG04 */
import 'dart:io';
                                                /* ALG09 */
void main() {
  int X;
                                                import 'dart:io';
                                                import 'dart:math';
 int Y;
                                                void main() {
 int Z;
 X = int.parse(stdin.readLineSync()!);
                                                 int X;
 Y = int.parse(stdin.readLineSync()!);
                                                  int Y;
 Z = X + Y;
                                                  X = int.parse(stdin.readLineSync()!);
 print('$Z');
                                                  if (X >= 10)
                                                    Y = pow(X, 2).toInt();
                                                  else
                                                    Y = pow(X, 3).toInt();
/* ALG05 */
                                                  print('$Y');
import 'dart:io';
import 'dart:math';
void main() {
                                                /* ALG10 */
 int X;
 int Y;
                                                import 'dart:io';
 int Z;
                                                void main() {
 X = int.parse(stdin.readLineSync()!);
                                                  int X;
                                                 int Y;
 Y = int.parse(stdin.readLineSync()!);
 Z = pow(X, 2).toInt() + pow(Y, 2).toInt();
                                                 int N1;
 print('$Z');
                                                  int N2;
                                                  X = int.parse(stdin.readLineSync()!);
                                                  Y = int.parse(stdin.readLineSync()!);
                                                  if (X > Y) {
/* ALG06 */
                                                    N1 = Y;
import 'dart:io';
                                                    N2 = X;
void main() {
                                                  } else {
 int X;
                                                    N1 = X;
 X = int.parse(stdin.readLineSync()!);
                                                    N2 = Y;
 if (X > 100) {
                                                  }
   print('$X');
                                                  print('$N1');
                                                  print('$N2');
}
```

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```
/* ALG11 */
void main() {
 int X;
  int I;
 X = 0;
  I = 1;
  while (I <= 10) {
   print('$X');
   X = X + 2;

I = I + 1;
}
/* ALG12 */
void main() {
 int X;
  int I;
  X = 1;
  I = 1;
  while (I <= 10) {
   print('$X');
   X = X * 2;
   I = I + 1;
}
```