Codificação de Programas em Linguagem Dart

```
/* ALG01 */
void main(){
    print("Bom dia");
}
```

```
/* ALG02 */
import 'dart:io';
void main() {
  int X;
  X = int.parse(stdin.readLineSync()!);
  print('$X');
}
```

```
/* ALG03 */
import 'dart:io';
import 'dart:math';
void main() {
  int X;
  int Y;
  X = int.parse(stdin.readLineSync()!);
  Y = pow(X, 2).toInt();
  print('$Y');
}
```

```
/* ALG04 */
import 'dart:io';
void main() {
  int X;
  int Y;
  int Z;
  X = int.parse(stdin.readLineSync()!);
  Y = int.parse(stdin.readLineSync()!);
  Z = X + Y;
  print('$Z');
}
```

```
/* ALG05 */
import 'dart:io';
import 'dart:math';
void main() {
  int X;
  int Y;
  int Z;
  X = int.parse(stdin.readLineSync()!);
  Y = int.parse(stdin.readLineSync()!);
  Z = pow(X, 2).toInt() + pow(Y, 2).toInt();
  print('$Z');
}
```

```
/* ALG06 */
import 'dart:io';
void main() {
  int X;
  X = int.parse(stdin.readLineSync()!);
  if (X > 100) {
    print('$X');
  }
}
```

```
/* ALG07 */
import 'dart:io';
void main() {
  int X;
  int Y;
  int Z;
  X = int.parse(stdin.readLineSync()!);
  Y = int.parse(stdin.readLineSync()!);
  if (X > 100) {
    Z = X + Y;
    print('$Z');
  }
}
```

```
/* ALG08 */
import 'dart:io';
void main() {
  int X;
  int Y;
  X = int.parse(stdin.readLineSync()!);
  Y = int.parse(stdin.readLineSync()!);
  if (X <= Y)
    print('$X');
  else
    print('$Y');
}
```

```
/* ALG09 */
import 'dart:io';
import 'dart:math';
void main() {
  int X;
  int Y;
  X = int.parse(stdin.readLineSync()!);
  if (X >= 10)
    Y = pow(X, 2).toInt();
  else
    Y = pow(X, 3).toInt();
  print('$Y');
}
```

```
/* ALG10 */
import 'dart:io';
void main() {
  int X;
  int Y;
  int N1;
  int N2;
  X = int.parse(stdin.readLineSync()!);
  Y = int.parse(stdin.readLineSync()!);
  if (X > Y) {
    N1 = Y;
    N2 = X;
  } else {
    N1 = X;
    N2 = Y;
  }
  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;
  }
}
```