

```
//Aroon Indicator.mq4
```

```
#property indicator_separate_window
```

```
#property indicator_buffers 2
```

```
#property indicator_color1 Magenta
```

```
#property indicator_color2 Aqua
```

```
#property indicator_width1 1
```

```
#property indicator_width2 1
```

```
#property indicator_maximum 100
```

```
#property indicator_minimum 0
```

```
#property indicator_level1 70
```

```
#property indicator_level2 30
```

```
#property indicator_levelcolor White
```

```
#property indicator_levelstyle STYLE_DOT
```

```
#property indicator_levelwidth 1
```

#property命令を記述

```
//インジケータバッファの宣言
```

```
double Aroon_Up[];
```

```
double Aroon_Down[];
```

インジケータバッファを宣言

```
//変数の宣言
```

```
extern int Aroon_Period = 14; ← 変数を宣言
```

```
int init()
```

```
{
```

```
//インジケータバッファのインデックス
```

```
SetIndexBuffer(0,Aroon_Up);
```

```
SetIndexBuffer(1,Aroon_Down);
```

```
//インジケータのラベル
```

```
SetIndexLabel(0,"Aroon Up");
```

```
SetIndexLabel(1,"Aroon Down");
```

```
IndicatorShortName("Aroon Indicator("+(string)Aroon_Period+"));
```

```
//インジケータのスタイル
```

```
SetIndexStyle(0,DRAW_LINE,STYLE_SOLID);
```

```
SetIndexStyle(1,DRAW_LINE,STYLE_SOLID);
```

```
//インジケータの描画開始時点
```

```
SetIndexDrawBegin(0,Aroon_Period + 1);
```

```
SetIndexDrawBegin(1,Aroon_Period + 1);
```

```
//インジケータの数値の精度
```

```
IndicatorDigits(2);
```

```
return(0);
```

```
}
```

```
int start()
```

```
{
```

```
int limit = Bars - IndicatorCounted();
```

```
//アロンの計算
```

```
for(int i = 0; i < limit; i++)
```

```
{
```

```
int Aroon_Up_Difference = iHighest(NULL,0,MODE_HIGH,Aroon_Period,i) - i;
```

```
Aroon_Up[i] = 100 - (100 / Aroon_Period) * (Aroon_Up_Difference);
```

```
int Aroon_Down_Difference = iLowest(NULL,0,MODE_LOW,Aroon_Period,i) - i;
```

```
Aroon_Down[i] = 100 - (100 / Aroon_Period) * (Aroon_Down_Difference);
```

```
}
```

```
return(0);
```

```
}
```

基本設定を記述

具体的な処理内容を記述