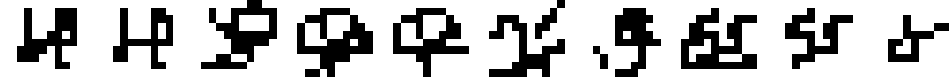


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10 sample tanda tangan :



10 sample bukan tanda tangan :



Pengujian pada file ttd1.bmp

```
>> test = (double(imread('ttd1.bmp')))
```

test =

```
1 1 1 1 1 1 1 1 1 1
1 1 0 1 1 1 1 1 1 1
1 0 1 0 1 1 1 1 1 1
0 1 1 1 0 1 0 1 0 0
1 1 1 1 0 0 0 1 0 1
1 1 1 0 0 1 0 1 0 1
1 1 0 1 0 1 0 0 1 1
1 0 1 1 0 1 0 1 1 1
1 0 1 0 1 1 1 1 1 1
1 1 0 1 1 1 1 1 1 1
```

```
>> validasi
```

A0 =

Columns 1 through 20

```
1 1 1 0 1 1 1 1 1 1 1 1 0 1 1 1 1 0 0 1
```

Columns 21 through 40

```
1 0 1 1 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1
```

Columns 41 through 60

```
1 1 1 0 0 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1
```

Columns 61 through 80

```
1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 1 1 1
```

Columns 81 through 100

1 1 1 0 0 0 1 1 1 1 1 1 1 0 1 1 1 1 1 1

C =

'betul, ini sebuah tanda tangan'

akurasi =

98.1673

Pengujian pada sample ttd9.bmp

>> test = (double(imread('ttd9.bmp')))

test =

1 1 1 1 1 1 1 1 1 1
1 0 0 0 0 1 1 1 1 1
0 0 1 0 0 1 1 1 1 0
0 0 1 1 0 1 0 1 0 0
1 0 1 1 0 0 0 1 0 1
1 1 1 0 0 1 0 1 0 1
1 1 0 1 0 1 0 0 1 1
1 0 1 1 0 1 0 0 0 1
1 0 0 0 1 1 1 1 1 1
1 1 0 0 1 1 1 1 1 1

>> validasi

A0 =

Columns 1 through 20

1 1 0 0 1 1 1 1 1 1 1 0 0 0 0 1 1 0 0 1

Columns 21 through 40

1 0 1 1 1 1 0 1 0 0 1 0 0 1 1 0 1 1 0 0

Columns 41 through 60

1 0 0 0 0 0 0 0 1 1 1 1 1 1 0 1 1 1 1 1

Columns 61 through 80

```
1 1 1 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 1 1
```

Columns 81 through 100

```
1 1 1 0 0 0 1 0 1 1 1 1 0 0 1 1 1 1 1 1
```

C =

'betul, ini sebuah tanda tangan'

akurasi =

98.4898

Pengujian pada sample nttd2.bmp

```
>> test = (double(imread('nttd2.bmp')))
```

test =

```
1 1 1 1 1 1 1 1 1 1
1 1 1 1 0 1 1 1 1 1
1 1 0 0 0 1 1 0 0 0
1 0 0 1 1 1 0 0 1 1
1 0 0 0 0 1 0 0 1 1
0 0 0 1 0 1 1 0 1 1
0 1 1 1 0 0 0 0 1 1
0 1 0 0 0 1 1 1 0 0
0 0 0 0 0 0 0 0 0 0
1 1 1 1 1 1 1 1 1 1
```

```
>> validasi
```

A0 =

Columns 1 through 20

```
1 1 1 1 1 0 0 0 0 1 1 1 1 0 0 0 1 1 0 1
```

Columns 21 through 40

```
1 1 0 0 0 0 1 0 0 1 1 1 0 1 0 1 1 0 0 1
```

Columns 41 through 60

```
1 0 0 1 0 0 0 0 0 1 1 1 1 1 1 1 0 1 0 1
```

Columns 61 through 80

1 1 1 0 0 1 0 1 0 1 1 1 0 0 0 0 0 1 0 1

Columns 81 through 100

1 1 0 1 1 1 1 0 0 1 1 1 0 1 1 1 1 0 0 1

C =

'salah, ini bukan tanda tangan'

akurasi =

2.2479

Pengujian pada sample nttd8.bmp

>> test = (double(imread('nttd8.bmp')))

test =

1 1 1 1 1 1 1 1 1 1
1 1 0 1 1 1 0 0 1 1
1 1 0 1 1 1 0 0 0 1
1 1 0 1 1 1 0 1 0 1
1 1 0 1 1 1 0 1 0 1
1 1 0 0 0 0 0 0 0 1
1 0 0 1 1 1 0 1 1 1
1 0 0 1 1 1 0 1 1 1
1 1 1 1 1 1 0 0 1 1
1 1 1 1 1 1 1 1 1 1

>> validasi

A0 =

Columns 1 through 20

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 1 1

Columns 21 through 40

1 0 0 0 0 0 0 0 1 1 1 1 1 1 1 0 1 1 1 1

Columns 41 through 60

1 1 1 1 1 0 1 1 1 1 1 1 1 1 1 0 1 1 1 1

Columns 61 through 80

1 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 0 1 1 0 1

Columns 81 through 100

1 1 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

C =

'salah, ini bukan tanda tangan'

akurasi =

2.3978