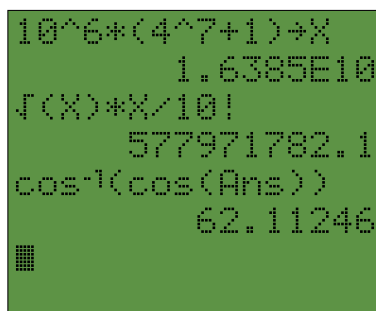


TI calculator display

(TI-82 STATS)

Mustafa Ibrahim

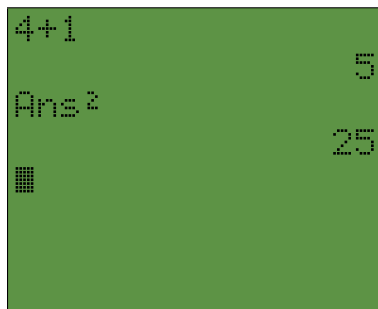
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Contents

1	Quickstart	2
2	Package option(s)	2
2.1	Color	2
3	LCD size	2
4	Additional defined characters	3

1 Quickstart



Source

```
1 %\usepackage[color]{tiscreeen}
2
3 \tiscreeen
4 |4+1          |
5 |              5|
6 |Ans{sq}      |
7 |              25|
8 |{fcur}       |
9 |             |
10 |            |
11 |           |
```

2 Package option(s)

2.1 Color

Using the `color` option will change the colors used by the `\LCD` command. The colors are defined as `tiscreeenfg` (foreground, i.e. font color) and `tiscreeenbg` (background). These colors can be redefined like this:

Source

```
1 % Add this to your preamble
2 \definecolor{tiscreeenbg}{HTML}{5d9345}
3 \definecolor{tiscreeenfg}{HTML}{FFFFFF}
```

3 LCD size

The default LCD size is 8×16 (the size of the TI-82 STATS). It can be changed by redefining the variables used to determine the size of the display or by using the original `\LCD` command.

Source

```
1 % First method (For entire document)
2 \def\tiscreeenX{16}
3 \def\tiscreeenY{8}
4
5 % Second method (Only once)
6 \LCD{5}{11}
7 |ANOTHER |
8 |EXAMPLE |
9 |WITH A  |
10 |DIFFERENT|
11 |SIZE    |
```

4 Additional defined characters

Added characters

Name	Symbol	\LCD Code
E	\mathbb{E}	<code>\sciE</code>
σ	\mathbb{S}	<code>\sigma</code>
x^2	\mathbb{Z}	<code>\sq</code>
x^{-1}	\mathbb{A}	<code>\ar</code>
y^x	\mathbb{X}	<code>\cx</code>
x_1	$\mathbb{1}$	<code>\sub1</code>
x_2	$\mathbb{2}$	<code>\sub2</code>
x_3	$\mathbb{3}$	<code>\sub3</code>
x_4	$\mathbb{4}$	<code>\sub4</code>
x_5	$\mathbb{5}$	<code>\sub5</code>
x_6	$\mathbb{6}$	<code>\sub6</code>
\bar{x}	\mathbb{X}	<code>\barx</code>
\bar{y}	\mathbb{Y}	<code>\bary</code>

Redefined characters

$!$	$\mathbb{!}$	<code>\{!\}</code>
$\{$	\mathbb{C}	<code>\{lb\}</code>
$\}$	\mathbb{D}	<code>\{rb\}</code>
$[$	\mathbb{E}	<code>\{rb\}</code>
$]$	\mathbb{F}	<code>\{rb\}</code>
\sqrt{x}	\mathbb{F}	<code>\sqrt{x}</code>
e	\mathbb{E}	<code>e</code>
i	\mathbb{I}	<code>i</code>
v	\mathbb{V}	<code>v</code>
w	\mathbb{W}	<code>w</code>