

```
SetDirectory["C:\\drorbn\\AcademicPensieve\\Classes\\17-1750-ShamelessMathematica"]
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C:\\drorbn\\AcademicPensieve\\Classes\\17-1750-ShamelessMathematica
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? PadLeft

PadLeft[list, n] makes a list of length n by padding list with zeros on the left.
 PadLeft[list, n, x] pads by repeating the element x.
 PadLeft[list, n, {x₁, x₂, ...}] pads by cyclically repeating the elements x_i.
 PadLeft[list, n, padding, m] leaves a margin of m elements of padding on the right.
 PadLeft[list, {n₁, n₂, ...}] makes a nested list with length n_i at level i.
 PadLeft[list] pads a ragged array list with zeros to make it full. >>

? Export

Export["file.ext", expr] exports data to a file,
 converting it to the format corresponding to the file extension ext.
 Export[file, expr, "format"] exports data in the specified format.
 Export[file, exprs, elems] exports data by treating exprs as elements specified by elems. >>

```
BBB[m_?MatrixQ] := Module[{k, ker, m1, max, ren},
  k = Ceiling[Norm@Dimensions[m]/128];
  ker = N[ReplacePart[Table[-1/(4 k (k + 1)), {2 k + 1}, {2 k + 1}], {k + 1, k + 1} → 1]];
  m1 = ListConvolve[ker, m];
  max = Max[m1];
  ren = If[# < 0.1, 0, (#/max)1/2] &;
  Map[ren, m1, {2}];
BBB[img_Image] := Module[{r, g, b},
  Image@Transpose[
    1 - BBB/@Transpose[ImageData[img], {2, 3, 1}],
    {3, 1, 2} ] ];
Export["171127-111330.png",
  BBB[Import["http://drorbn.net/bbs/shots/17-1750-171127-111330.jpg"]] ]
171127-111330.png
```