Program Ideas from Wolfram's Tweet-a-Program

```
In[•]:= GeoListPlot[
          {Entity["Country", "Iceland"], Entity["Country", "France"], Entity["Country", "Italy"]}]
```

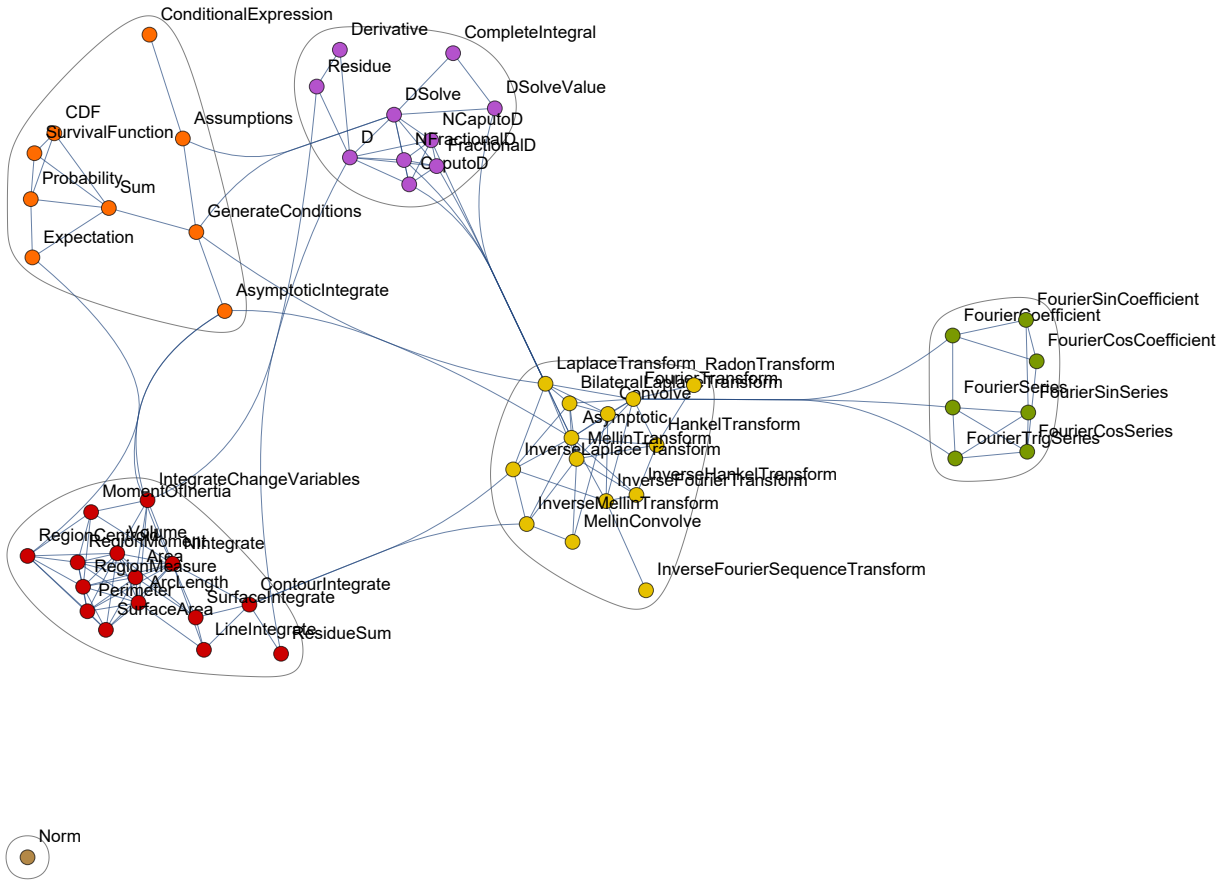
Out[•]=

<<1>>

See connections between various functions to learn more about connected functions in the computational universe.

```
In[•]:= Show[WolframLanguageData["Integrate", "RelationshipCommunityGraph"], ImageSize → Full]
```

Out[•]=



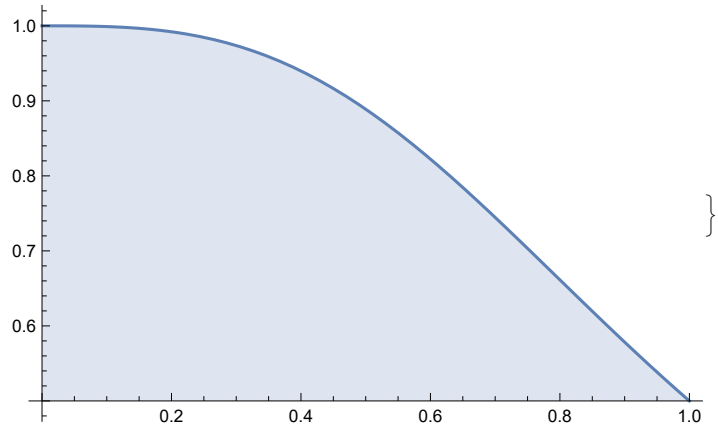

```
In[•]:= WolframLanguageData["Integrate", "DocumentationBasicExamples"]
```

Out[•]=

$$\left\{\left\{\text{Indefinite integral:}, \text{Integrate}[x\text{^}2 + \text{Sin}[x], x], \frac{x^3}{3} - \text{Cos}[x]\right\},\right.$$

$$\left\{\text{Compute a definite integral:}, \text{Integrate}[1 / (x\text{^}3 + 1), \{x, 0, 1\}], \frac{1}{18}\left(2\sqrt{3}\,\pi + \text{Log}[64]\right),\right.$$

$$\left.\text{Visualize the area given by this integral:}, \text{Plot}\left[\frac{1}{x^3+1}, \{x, 0, 1\}, \text{Filling} \to \text{Axis}\right],\right.$$



$$\left.\right\},$$

$$\left\{\text{Use Esc int Esc to enter } \int \text{ and Esc dd Esc to enter } \mathrm{d}:,\right.$$

$$\int \text{Sqrt}[x + \text{Sqrt}[x]]\,\mathrm{d}x, \frac{1}{12}\sqrt{\sqrt{x} + x}\left(-3 + 2\sqrt{x} + 8x + \frac{3\,\text{ArcSinh}\left[x^{1/4}\right]}{\sqrt{1+\sqrt{x}}\,x^{1/4}}\right),$$

$$\text{TraditionalForm}[\%], \frac{1}{12}\sqrt{x + \sqrt{x}}\left(8x + 2\sqrt{x} + \frac{3\sinh^{-1}\left(\sqrt[4]{x}\right)}{\sqrt{\sqrt{x}+1}\,\sqrt[4]{x}} - 3\right)\Big\},$$

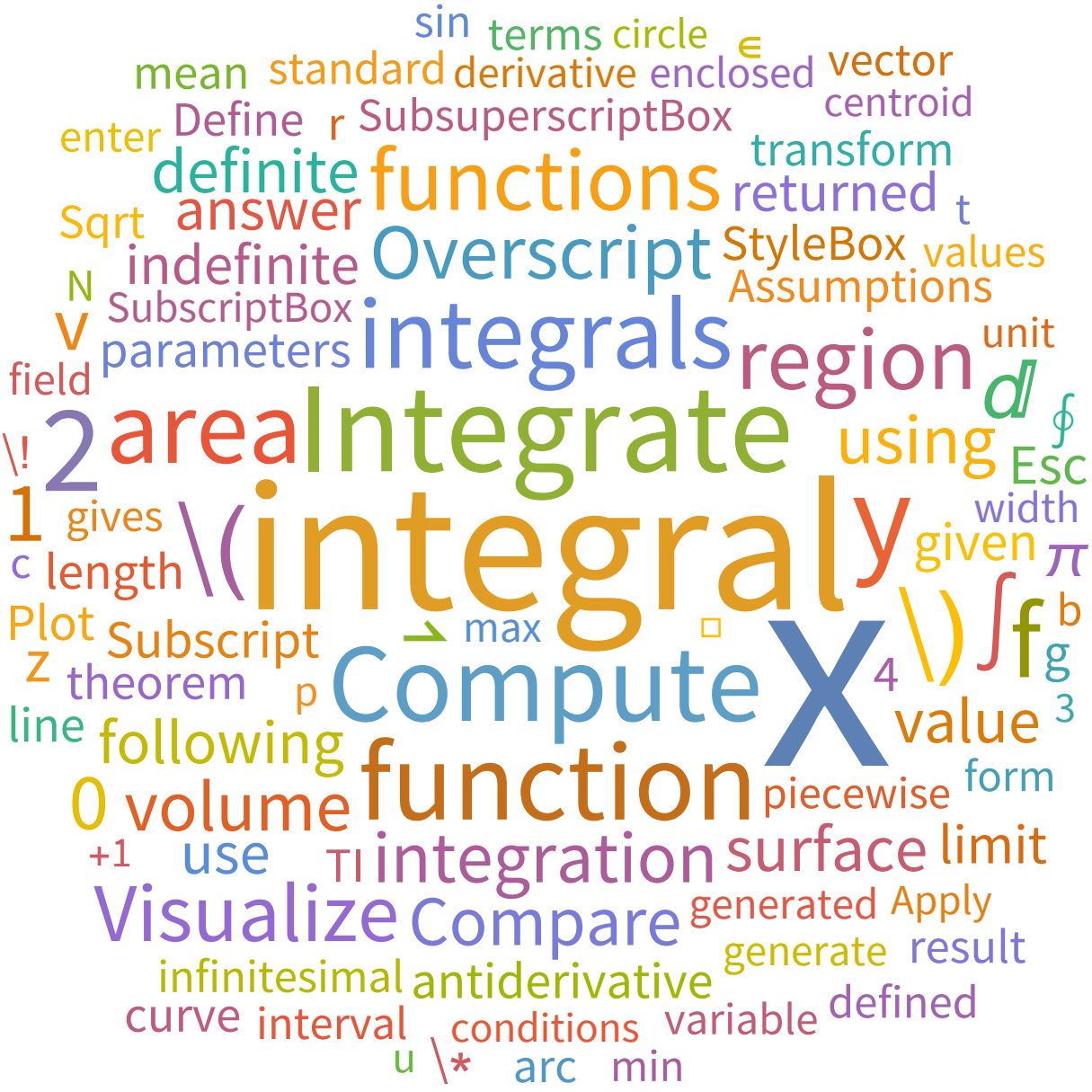
$$\left\{\text{Use Ctrl+\_ to enter the lower limit, then Ctrl+\% for the upper limit:},\right.$$

$$\left.\int_0^\infty \text{Log}[x]\,\text{Exp}\left[-x^2\right]\mathrm{d}x, -\frac{1}{4}\sqrt{\pi}\,(\text{EulerGamma} + \text{Log}[4])\right\}\Big\}$$

In[•]:=

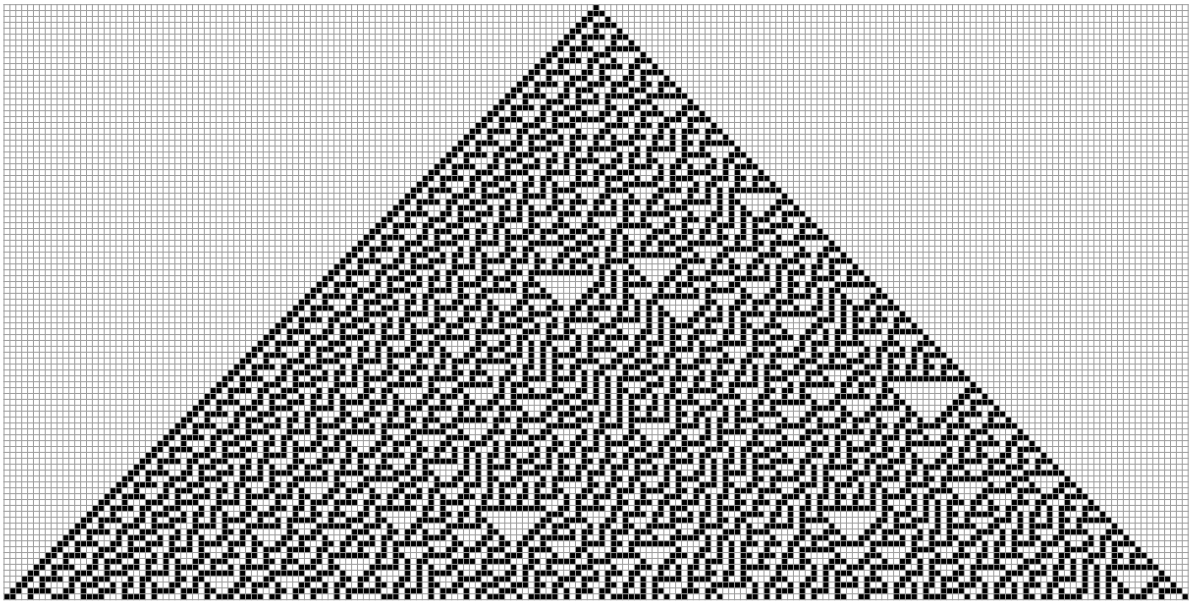
```
WordCloud[DeleteStopwords[
  Flatten[TextWords[WolframLanguageData["Integrate", "TextStrings"]]]], ImageSize → Full]
```

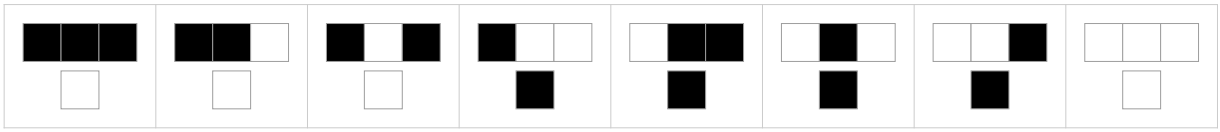
Out[ ]=



In[ ]:=
```
RulePlot[CellularAutomaton[30], {{1}, 0},
 100, Mesh → True, PlotLegends → "Icon", ImageSize → Full]
```

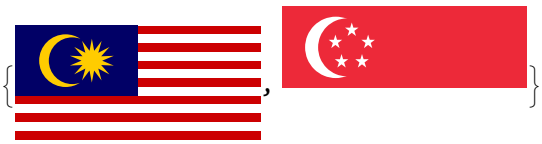
Out[ ]=





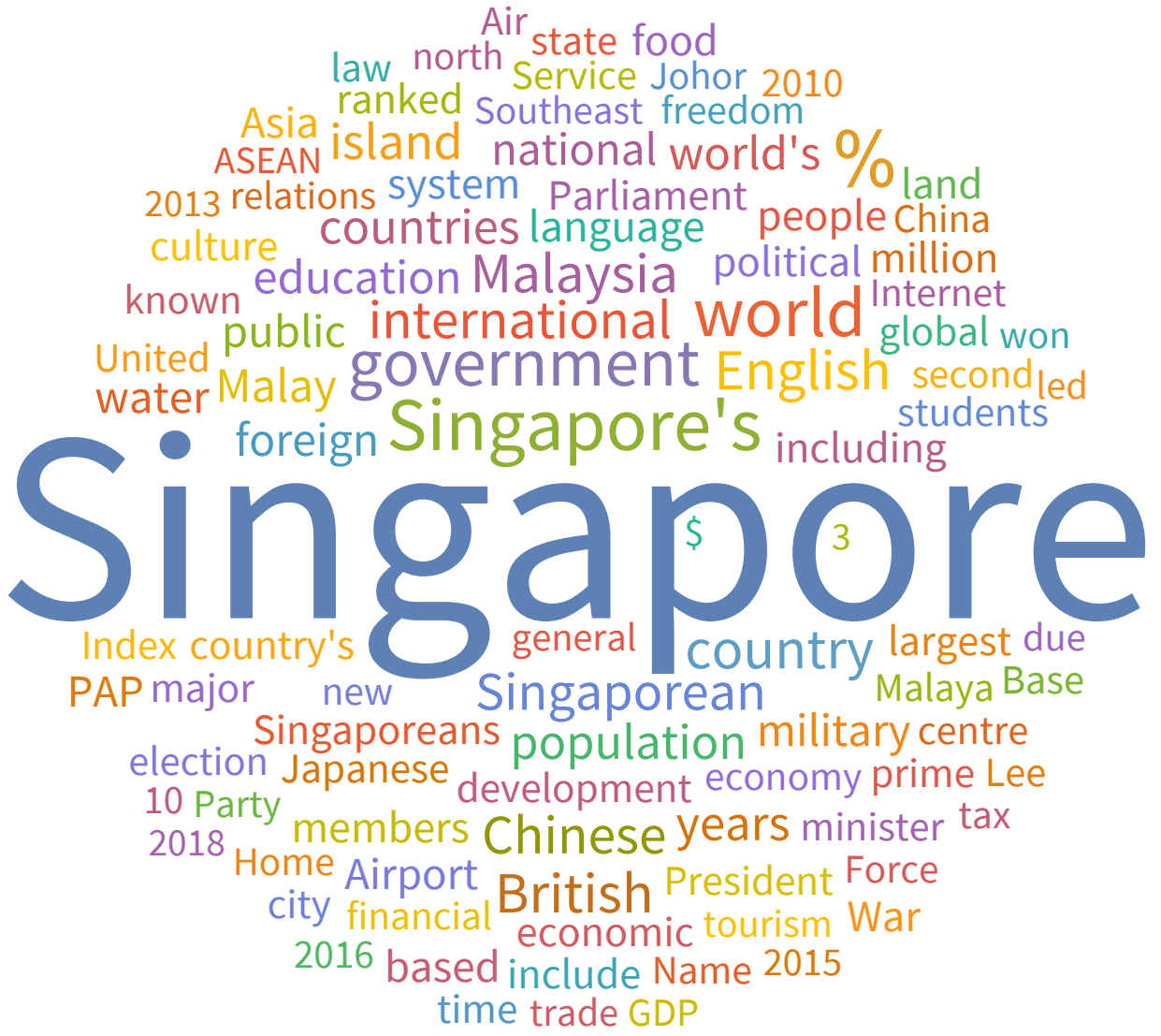
In[ ]:= `#@"Flag" & /@ GeoNearest["Country", Entity["Country", "Singapore"]]`

Out[ ]=



In[ ]:= `WordCloud[DeleteStopwords[WikipediaData["Singapore"]], ImageSize → Full]`

Out[•]=



In[•]:=
```
(*DateListPlot[{WikipediaData["Singapore","DailyPageHits"],
  WikipediaData["Lee Hsien Loong","DailyPageHits"]},PlotRange→All,
 PlotLabel→"Daily Wikipedia Page Hits",PlotLabels→Placed[Automatic,Above],
 ImageSize→Full,ScalingFunctions→"Log"]*)
```

In[•]:=
```
(*DateListPlot[{WikipediaData["Tharman Shanmugaratnam","DailyPageHits"],
  WikipediaData["Tan Kin Lian","DailyPageHits"]},PlotRange→All,
 PlotLabel→"Daily Wikipedia Page Hits",PlotLabels→Placed[Automatic,Above],
 ImageSize→Full,ScalingFunctions→"Log",
 PlotLegends→{"Tharman Shanmugaratnam","Tan Kin Lian"}]*)
```

In[•]:=
```
FeatureSpacePlot[Alphabet[Language → "English"]]
```

Out[•]=