

```
In[4]:= a[1] = 1;
```

```
Do[ a[n] = Sum[a[i], {i, 1, n - 1}],  
  {n, 2, 30}]
```

```
In[6]:= Table[a[n], {n, 1, 30}]
```

```
Out[6]= {1, 1, 2, 4, 8, 16, 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, 16384,  
 32768, 65536, 131072, 262144, 524288, 1048576, 2097152, 4194304,  
 8388608, 16777216, 33554432, 67108864, 134217728, 268435456}
```