Assignment 3 No. 5

In[9]:= **f[k_] = 3^k**

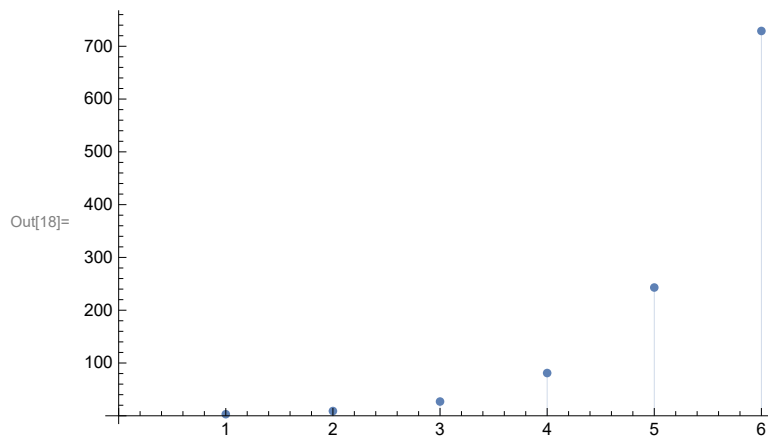Out[9]= 3^k

In[3]:= **h[i_, j_] = Sin[i] * Cos[j]**

Out[3]= Cos[j] Sin[i]
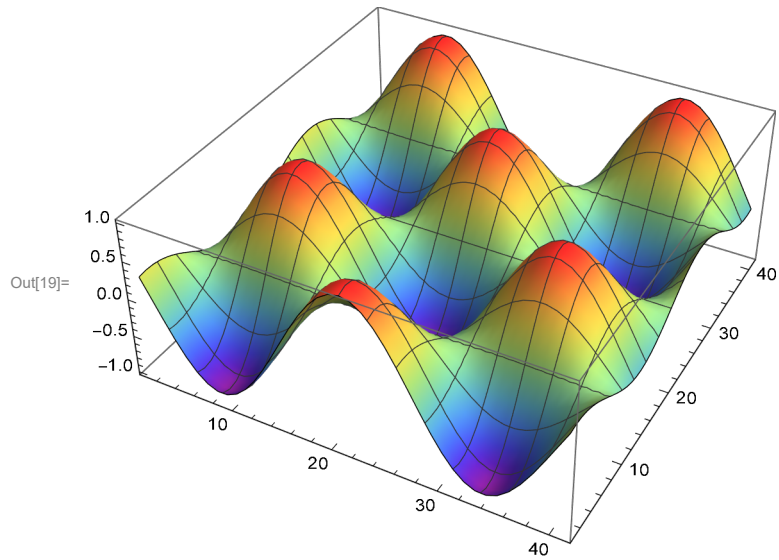
In[13]:= **T1 = Table$\left[3^k, \{k, 1, 6\}\right]$**

Out[13]= {3, 9, 27, 81, 243, 729}

In[18]:= **ListPlot$\left[\text{Table}\left[3^k, \{k, 1, 6\}\right], \text{Filling} \rightarrow \text{Axis}\right]$**

Out[18]=

In[19]:= `ListPlot3D[Table[Sin[i] * Cos[j], {i, -5, 5, 0.25}, {j, -5, 5, 0.25}],`
`ColorFunction → "Rainbow"]`

Out[19]=

Append: Nonatomic expression expected at position 1 in Append[T2, 3].