Most popular items

```
In [8]:  gl.canvas.set_target('ipynb')
         sf['ItemDescription'].show()
```

Most frequent items from *<SArray>*

Value	Count	Percent	
4 VOLLEY SHORT	1.995	0,994%	
5 VOLLEY SHORT	1.655	0,824%	
SQUAD 17 SHO	1.250	0,623%	
NIKE STAR RUNNER ...	1.165	0,58%	
BRIEF	973	0,485%	
CHUCK TAYLOR ALL ...	964	0,48%	
CHUCK TAYLOR ALL ...	940	0,468%	
NIKE STAR RUNNER ...	902	0,449%	
CHUCK TAYLOR ALL ...	873	0,435%	
NIKE TANJUN (GS)	872	0,434%	
NIKE STAR RUNNER ...	838	0,417%	
NK MERC LT GRD	794	0,395%	
NIKE REVOLUTION 4 ...	760	0,379%	
NIKE TANJUN	691	0,344%	
NIKE REVOLUTION 4 ...	680	0,339%	
NIKE DOWNSHIFTER 8	674	0,336%	
NIKE COURT BOROUGH ...	673	0,335%	
NIKE AIR MAX AXIS ...	632	0,315%	
JDB RISE GRAPHIC ...	632	0,315%	
WMNS NIKE TANJUN	628	0,313%	

Showing the most popular products in the dataset

```
In [8]:  product_grouped = product_df.groupby(['product']).agg({'purchase_count': 'count'}).reset
         grouped_sum = product_grouped['purchase_count'].sum()
         product_grouped['percentage']  = product_grouped['purchase_count'].div(grouped_sum)*100
         product_grouped.sort_values(['purchase_count', 'product'], ascending = [0,1])
```

Out[8]:

	product	purchase_count	percentage
250	4 VOLLEY SHORT	1995	0.993704
261	5 VOLLEY SHORT	1655	0.824351
7233	SQUAD 17 SHO	1250	0.622622
5785	NIKE STAR RUNNER (PSV)	1165	0.580283
1023	BRIEF	973	0.484649
1211	CHUCK TAYLOR ALL STAR - HI - O	964	0.480166
1203	CHUCK TAYLOR ALL STAR - HI - B	940	0.468211
5786	NIKE STAR RUNNER (TDV)	902	0.449284
1247	CHUCK TAYLOR ALL STAR LIFT - O	873	0.434839
5823	NIKE TANJUN (GS)	872	0.434341
5784	NIKE STAR RUNNER (GS)	838	0.417406
6039	NK MERC LT GRD	794	0.395489
5726	NIKE REVOLUTION 4 EU	760	0.378554
5822	NIKE TANJUN	691	0.344185
5724	NIKE REVOLUTION 4 (PSV)	680	0.338706
5408	NIKE DOWNSHIFTER 8	674	0.335718
5353	NIKE COURT BOROUGH MID (GS)	673	0.335219
3134	JDB RISE GRAPHIC SHORT	632	0.314797