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# bar()

Need to plot power consumption of a different circuits A-C grouped per year (three years 2010-2012)

Create a vector to hold years (horizontal grouping):

```
X=[2010 2011 2012]; % holds years (grouping variable)
```

Create three vectors, each will hold the consumption of each converter throughout time:

```
Y(1,:) = [600 800 1800] ; % consumption of three circuits in 2010  
Y(2,:) = [680 720 1500] ; % consumption of three circuits in 2011  
Y(3,:) = [700 600 1400] ; % consumption of three circuits in 2012  
bar(X,Y) will plot this
```

## stacked bars

```
type bar(X,Y,'stacked');
```

```
%COMMENTS%
```

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This topic: Main > Bar

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