Plenary – questions

**Task 1 - Bar graph knowledge**

Fill in the missing words:

A bar chart or bar **\_\_\_\_\_** is a chart or graph that presents categorical **\_\_\_\_** with **\_\_\_\_\_\_\_\_\_\_\_** bars with **\_\_\_\_\_\_\_** or lengths proportional to the **\_\_\_\_\_\_** that they represent. The bars can be plotted vertically or **\_\_\_\_\_\_\_\_\_\_\_\_**.

Bar graphs are good for:

Showing **\_\_\_\_\_\_\_\_** (non-continuous) data such as data sorted into bands

Being able to compare the **\_\_\_\_\_\_\_\_** size of each data item.

**Word bank: data, heights, horizontally, relative, graph, rectangular, values, discrete**

**Task 2 - For x in range exercises**

What is the outcome of this code?

|  |  |  |
| --- | --- | --- |
| A | B | C |
| for x in range (2,6):  print x | for x in range (1,22,10):  print x | for x in range (100,50,-20):  print x |
|  |  |  |

**Task 3 - Comparing while and for**

Explain below when it would be best to use a for loop instead of a while loop?: