**Sliding Window or Two pointers**

**Variable size sliding window (Not a fixed size)**

**Bus has front door and**

**back door.**

**People are in line will enter**

**from front door, exit from**

**back door.**

**Fixed Size sliding Window.**

Question 1:

**If it can only have 3 people**

**what will be the maximum**

**weight it will have.**

**Variable size sliding window.**

Question 2:

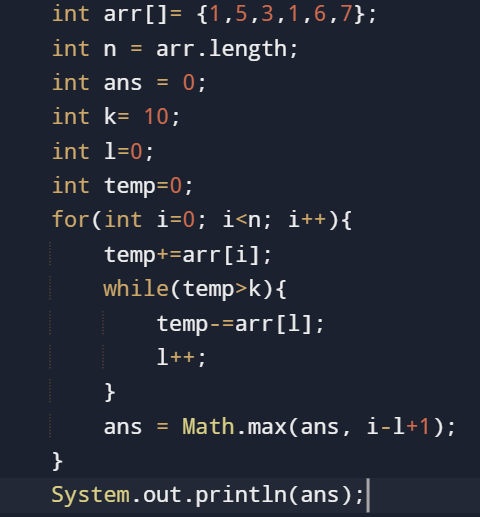
**If it can accommodate 10 kg**

**max weight, what is**

**maximum number of**

**people it can have.**

**i-l+1 means size of subarray/ array**

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