Complete the sentence.	What will be the difference between a sound file sampled at	Consider the array: arr=[4,6,7,11,10,12,15]
Volatile memory is	100 times per second compared to a sound file sampled at 1000 times per second?	Why will a binary search fail to find the number 10?
Which control structure is the following algorithm an example of? INPUT password WHILE password != '123456': INPUT password	State 2 possible outcomes that might occur if programs are not robust.	Which of the following are examples of System Software? Operating Systems Applications
INFOI PASSWOLG		Utilities

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Complete the sentence.	What will be the difference	Consider the array:
	between a sound file sampled at	arr=[4,6,7,11,10,12,15]
Volatile memory is	100 times per second compared to	Why will a binary search fail to find
	a sound file sampled at 1000 times	the number 10?
	per second?	
		A binary search will fail because binary
memory that requires a		searches rely on data sets being ordered.
supply of electricity to store	The file sampled at 100 times per	
data.	second will be worse quality and	In this example, a binary search would locate the middle item first (11) and as 10
duid.	have a smaller file size.	is the 'searched for' number and smaller
	Trave a strianer me size.	than 11, the algorithm would discard the
		top half of the array, removing 10 from the
		search.
Which control structure is the	State 2 possible outcomes that	Which of the following are
following algorithm an example of?	might occur if programs are not	examples of System Software?
	robust.	
INDIA SOCIETY		
INPUT password	The program won't function	Operating Systems
MILTE pageward I 1224561.	correctly / will not do the job it's	g per anning cycles in
WHILE password != '123456':	supposed to do.	Applications
INPUT password		, topilodilo
	The program may be insecure and	Utilities
	data that it holds may become	Offillie3
	compromised.	
Iteration		