

# Mini Quiz 1

$a = [ 2, 4, 2, 3, 4 ]$

$b = [ 1, 2, 4, 1 ]$

1.  $a$  の要素の重複を除いたリスト  $a2$  を作成するスクリプトを書け  
(要素順は任意)
2.  $b$  の要素の重複を除いたリスト  $b2$  を作成するスクリプトを書け  
(要素順は任意)
3.  $b2$  のすべての要素が  $a2$  に含まれるときに True を返す条件式を書け ( $b2$ の要素と $a2$ の要素が一致する場合も True)。

# Ans. of Mini Quiz 1

`a = [ 2, 4, 2, 3, 4 ]`

`b = [ 1, 2, 4, 1 ]`

1. `a` の要素の重複を除いたリスト `a2` を作成するスクリプトを書け  
(要素順は任意)
2. `b` の要素の重複を除いたリスト `b2` を作成するスクリプトを書け  
(要素順は任意)
3. `b2` のすべての要素が `a2` に含まれるときに `True` を返す条件式を書け  
(`b2`の要素と`a2`の要素が一致する場合も `True`)。

1. `a2 = list(set(a))`

2. `b2 = list(set(b))`

3. `set(b2) <= set(a2)`

# Mini Quiz 1

`a = [ 2, 4, 2, 3, 4 ]`

`b = [ 1, 2, 4, 1 ]`

1. Write a script to create a list "a2" whose elements are those of "a" without duplicates (the order of the elements is arbitrary).
2. Write a script to create a list "b2" whose elements are those of "b" without duplicates (the order of the elements is arbitrary).
3. Write a conditional expression that returns True if all elements of "b2" are contained in "a2" (also True if elements of "b2" are the same as those of "a2").

# Ans. of Mini Quiz 1

`a = [ 2, 4, 2, 3, 4 ]`

`b = [ 1, 2, 4, 1 ]`

1. Write a script to create a list "a2" whose elements are those of "a" without duplicates (the order of the elements is arbitrary).
2. Write a script to create a list "b2" whose elements are those of "b" without duplicates (the order of the elements is arbitrary).
3. Write a conditional expression that returns True if all elements of "b2" are contained in "a2" (also True if elements of "b2" are the same as those of "a2").

1. `a2 = list(set(a))`

2. `b2 = list(set(b))`

3. `set(b2) <= set(a2)`