

Pop Quiz

A DryadTable `input` is a sequence of objects of type

```
struct Obj { int key; int value;};
```

`input` is hash-partitioned by key and each partition is sorted by key.

1. The DryadTable output is computed as

```
// convert (k,v) to (2*k+1, v+5)
```

```
var output = input.Select(x => Tuple.Create(x.key*2+1, x.value+5));
```

What properties of `output` can DryadLINQ rely on? Why?

2. The DryadTable `output2` is computed as

```
var output2 = input.Select(x => Tuple.Create(x.key%2, x.value+5));
```

What properties of `output2` can DryadLINQ rely on? Why?