
CS 331 — Record Activity

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Introduction

In the video, you saw how to create record types and instantiate them. In this activity, you will create a new type and use it.

Questions

1. Write a Clojure record called `Triple` that has fields `x`, `y`, and `z`.
2. Draw a memory diagram that mirrors the following Clojure code.

```
(def t1 (Triple. 10 20 30))  
(def t2 (Triple. 40 50 60))  
(def t3 (Triple. 70 80 90))  
(def t4 (Triple t1 t3 t2))
```

3. Write the clojure code to produce this memory diagram. Write a one-line clojure function to return the “80” part of this data structure. You may only reference the `t1` variable explicitly.

