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# Third Racket Programming Assignment Specification

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Working within the DrRacket PDE, do each of the four “programming” tasks. As you do these tasks, please copy/paste your work to the presentation document that you will eventually post to your web work site.

**Constraint: Work in a “template driving manner”! That is, look to the template for guidance on just what you should be doing. Furthermore, construct your presentation document by filling in a “copy” of the presentation template that I have provided for you.**

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## Task 1 - Historical Lisp

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**Using the template driven approach**, mimic the Lisp code that I presented in “Lesson 7: Historical Lisp”, carefully copying and pasting your work, as you do each bit, from DrRacket to the presentation document that you are “filling in”.

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## Task 2 - Referencers and Constructors

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**Using the template driven approach**, mimic the Lisp code pertaining expressly to referencers and constructors that I presented in the “Lesson 8: Basic Lisp Processing”, carefully copying and pasting your work, as you do each bit, from DrRacket to the presentation document that you are “filling in”.

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## Task 3 - Random Selection

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Mindfully type the `sampler` program that was presented in “Lesson 8: Basic List Processing” into your Definitions pane, and then mimic the demo that was presented in the lesson. Then, **using the template driven approach**, copy the definition and the demo from DrRacket to the document that you are crafting.

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## Task 4 - Playing Card

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Mindfully type the playing card code that was presented in “Lesson 8: Basic List Processing” into your Definitions pane, and then mimic the demo that preceded the code into your Interactions pane. Then, **using the template driven approach**, copy the code and the demo from DrRacket to the document that you are crafting.

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## **Task 5 - Document Posting**

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Having created your presentation document along the way, all you need to remember to do is post it to your web work site!

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## **Due Date**

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Please complete your work on this assignment, and post your work to your web work site, by Monday, October 11, 2021.