

CSC104 Quiz #2

Name:

Assume that DrRacket has been started up in the **Intermediate Student with lambda** language, and that the following commands have been run:

```
(require picturing-programs)

(define string1 "prefix ")

(define string2 " suffix")

(define string3 "infix")

(define g1 ◇)

(define g2 ♣)

(define (image-sandwich i1 i2)
  (beside i1 i2 i1))

(define (string-sandwich s1 s2 s3)
  (string-append s1 s2 s3))
```

For full marks write, describe, or draw what DrRacket produces for at least 5 out of 6 of the expressions below:

```
> g1

> string2

> (rotate 90 g1)

> (string-length string3)

> (image-sandwich g1 g2)

> (string-sandwich string1 string2 string3)
```