# 2011 Sp CS10 Online Final Answers Section 1

#### Question 1:

```
+ is + num + a + betty + number? +

script variables index +

set index to 1

repeat length of num - 1

if letter index + 1 of num < letter index of num

report false

change index by 1

report true
```

### Question 2:

```
+ list + all + betty + numbers + between + num1 + and + num2 +

report keep items such that is a betty number? from list all numbers between num1 and num2
```

## Question 3:

```
+min+value+of+ function λ +over+all+numbers+in+ nums : +

report

combine with min titems of map function over nums to
```

### Question 4:

```
report 1021 × n mod 101

min value of 1 over all numbers in list all betty numbers between 1 and 100
```