

CS21 PRACTICE QUIZ 2, Swarthmore College Spring 2008

1. For each of the following binary numbers, give its decimal equivalent.

(a) 1001

(b) 1100

(c) 101

2. For each of the following expressions, show the value that will be returned by the Python interpreter. Assume that you already have `text = 'swarthmore college'`.

(a) `ord('a') < ord('z')`

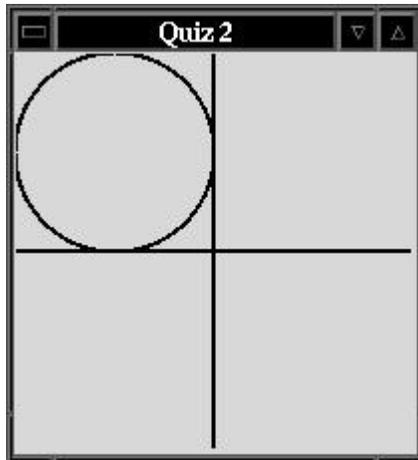
(b) `text.upper()`

(c) `text[-1]`

(d) `'4' + '5'`

3. Consider the program given below. Show what would be printed when this function was executed.

```
def main():
    word = "boz"
    result = ""
    for letter in word:
        result = result + chr(ord(letter) - 1)
    print result
```



4. Using the graphics library, write a **complete program** that will draw a picture of a circle and two lines as shown above. Use a window that is 200 by 200 pixels. Your program should wait for a mouse click before closing the graphics window.