

NAME: \_\_\_\_\_

CS21, Written portion of Lab 05 (Soni)

Swarthmore College, Fall 2011

Due in class Tuesday, October 4, 2011

with completed Quiz 2 redo

Consider the following program:

```
def main():
    a = 10
    b = 55
    print "in main.....dir() = ", dir()
    result = absval(a,b)
    print "The absolute value of %d - %d is %d" % (a,b,result)

def absval(x,y):
    print "in function...dir() = ", dir()
    if x > y:
        z = x - y
    else:
        z = y - x
    #
    ### Draw stack frame here ###
    #
    return z

main()
```

1. Draw the stack frame at the point labelled in the absval function.
2. What output is produced by the whole program?