Section number: 09–30–2021 CS 256

# А

### Practice Test

name

#### Unix

# 1.<sup>(1)</sup> There is a file, stuff.txt, in the directory, ~sternfl\256F Write a command that will copy stuff.txt into your directory.

 $2^{(1)}$  You are currently in your home directory. Your home directory contains the directory, h5. Write a command will make your current directory be h5.

#### Expressions

 $3.^{(1)}$  Write the value of: 6+3/12

 $4.^{(1)}$  Write the value of: 3%12

 $5.^{(1)}$  Write the value of: 6/12.0

## Code

 $6.^{(13)}$  Write a complete program that gets an integer, n, from the user and then prints out the previous 10 numbers n-1, n-2, n-3, ..., n-10. Each number should be printed on a line by itself. Example: if the user enters a 20, then program will print 19, then 18, then 17, ..., down to 9. Each number printed on a line by itself. Do **NOT** write ten printf statements. The program should contain **ONE** printf statement in a loop.

# **Play Computer**

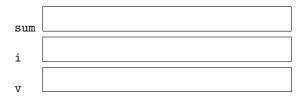
 $7.^{(18)}$  Play Computer. Below is a program. Below the program you can see the program's variables Each variable has box next to it.

**Directions:** Values for a variable are to be written in the box for the variable. Work from left to right: When the program stores a value in a variable, write the value in the box for the variable to the right of the old values. When the computer prints a value, write it in the screen in the appropriate place.

## **Program:**

```
int main() {
  int sum = 0;
  for(int i=1; i<4; i++) {
     int v = 2*i-1;
     sum = sum + v;
     printf("%d %d\n",i,sum);
     }
     printf("Done\n");
     return 0;
}</pre>
```

Variables:



Screen: