

1.)

```

rjs1070@Jon-Snow:~$ vi lab6.c
rjs1070@Jon-Snow:~$ cat lab6.c
#include <stdio.h>
int main(int argc, char** argv) {
    printf(argv[1]);
    return 0;
}
rjs1070@Jon-Snow:~$

```

Added lab6.c to current wd and printed output

2.)

```

rjs1070@Jon-Snow:~$ gcc lab6.c -o lab6
lab6.c: In function 'main':
lab6.c:3:2: warning: format not a string literal and no format arguments [-Wformat-security]
   3 |     printf(argv[1]);
     |     ^~~~~~
rjs1070@Jon-Snow:~$ vi lab6.c
rjs1070@Jon-Snow:~$ ls
lab6  lab6.c
rjs1070@Jon-Snow:~$

```

Compiled "lab6.c" into the executable "lab6" and it gave a security warning(Foreshadowing)

3.)

```

rjs1070@Jon-Snow:~$ ./lab6 hello
hellorjs1070@Jon-Snow:~$

```

Ran "lab6", got the output of the "2nd" argument(1st being the executable file being ran)

4.)

```

hellorjs1070@Jon-Snow:~$ ./lab6 %d
-218094104rjs1070@Jon-Snow:~$

```

Ran "lab6", got the output of the 2nd argument, or in this case the memory stored in the register for the format char "%d"(Nothing is in it, hence the gibberish).

5.)

```

-218094104rjs1070@Jon-Snow:~$ ./lab6 %x
e618b68rjs1070@Jon-Snow:~$

```

Ran "lab6", got the output of the 2nd argument, or in this case the memory stored in the register for the format char "%x"(Gibberish, just in hex format instead of decimal).