

Lecture 8 Worksheet

```
char buf[6];  
strcpy(buf, "CS107");  
char *ptr = buf;  
char *ptr2 = ptr;  
char buf2[6];  
strcpy(buf2, ptr2);  
char *ptr3 = buf2 + 2;  
ptr3[0] = 'M';  
printf("%s %s\n", buf, buf2);
```

Use the space below to draw a memory diagram of the code above to determine what is printed by running this code.