

Q2:

Q3:

```
int check_grade(char first_initial, char last_name[], int class);
float get_bonus(char first_initial, char last_name[]);
void update_grade(char first_initial, char last_name[], float class);
```

Q4:

```
// FUNCTION PROTOTYPE
int get_answer(unsigned x, int y); // [type]

int main() {
    unsigned int hour = 0;
    int delay = 0;
    int answer = 0;

    printf("Enter an hour of day (0-23): ");
    scanf("%u", &hour); // [formatter]

    printf("Enter a delay time: ");
    scanf("%d", &delay);

    answer = get_answer(hour, delay); // [return]

    printf("%d hours after %d, it will be %d hours past midnight.", delay, hour, answer);

    return 0;
}

// FUNCTION IMPLEMENTATION

int get_answer(unsigned x, int y) {
    return (x + y) % 24;
}
```

Q5:

```
1 void find_gcd(){
2     int a, b, i;
3     int smaller_num, gcd = 1;
4     scanf("%s %s", a, b);
5
6     if (a < b){
7         smaller_num = a;
8     } else {
```

```

9     smaller_num = b;
10 }
11
12 for(i=0;i<=smaller_num;i++){
13     if (a/i == 0 && b/i == 0){
14         gcd = i;
15     }
16 }
17
18 printf("The gcd of %d and %d is %d", gcd, a, b);
19 }

```

4. scanf("%d %d", &a, &b); //wrong format specifier, missing &
 12. for (i = 1; i <= smaller_num; i++) { //need to start at 1
 13. if (a % i == 0 && b % i == 0) { //should be % instead of /
 18. printf("The gcd of %d and %d is %d", a, b, gcd); //order of args

Q6:

The input is: "3 a 2"

Q7:

```

int main() {
    int n;
    printf("Enter a number in seconds: ");
    scanf("%d", &n);
    int minutes = n/60;
    int seconds = n%60;
    printf("%d seconds is %d minute(s) and %d second(s).", n,
minutes, seconds);
}

```