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Q1.

1)

```
Char* format_name(char* fname, char* mname, char* ffname, char gender){

        Char* result = NULL;

        if(gender == 'm'){

                result = (char*)malloc(sizeof(char)*(strlen(fname)+strnlen(ffname)+7));

                sprintf(result, "%s %s %c. %s", "Mr.", fname, mname[0], ffname );

        }else{

                result = (char*)malloc(sizeof(char)*(strlen(fname)+strnlen(ffname)+8));

                sprintf(result, "%s %s %c. %s", "Mrs.", fname, mname[0], ffname );

        }

        return result;

}
```

2)

```
Void split_name(char* name, char* fname, char* ffname, char* gender){

        char *m, null;

        sscanf(name, "%s %s &c %s", m, fname, &null, ffname);

        if(m[2] == '.')

                *gender = 'm';

        *gender = 'f';

}
```

Q2.

1)
a) pow(b,2)-4*a*c
b) (-b+sqrt(d))/ (2*a)
c) (-b-sqrt(d))/ (2*a)

2)
a) log(1-x)/log(1.0/2)
b) 12.26*n