

2.1.)

```
#define addm(a, b) a + b
#define squared_addm(a, b) (a * a) + (b * b)
#define absm(a) ((a < 0) ? -a : a)
#define oddm(a) ((a % 2 == 0) ? 0 : 1)
```

2.2.)

```
addf(a, b) = 9
addm(a, b) = 9
addf(a++, b--) = 9
addm(a++, b--) = 9
squared_addf(a, b) = 45
squared_addf(a, b) = 45
squared_addf(--a, b++) = 40
squared_addm(--a, b++) = 44
absf(a) = 3
absm(a) = 3
absf(--a) = 2
absm(--a) = 1
oddf(a) = 1
oddm(a) = 1
oddf(++a) = 0
oddm(++a) = 0
rishi@Rishis-MacBook-Pro Homework02 %
```

```
addf(a, b) = 9
addm(a, b) = 9
addf(a++, b--) = 9
addm(a++, b--) = 9
squared_addf(a, b) = 45
squared_addf(a, b) = 45
squared_addf(--a, b++) = 40
squared_addm(--a, b++) = 44
absf(a) = 3
absm(a) = 3
absf(--a) = 2
absm(--a) = 1
oddf(a) = 1
oddm(a) = 1
oddf(++a) = 0
oddm(++a) = 0
rishi@Rishis-MacBook-Pro Homework02 %
```