Own Keys names:

UP-> up arrow,

DOWN->down arrow,

LEFT->left arrow,

RIGHT->right arrow,

DEL->delete

Exercise 1.1:

2. C-s PUBLIC

3. C-s La LEFT LEFT

4. C-s Self M-LEFT

5. C-s arrow M-LEFT

6. C-e

7. C-a

8, 9, 10. Done above.

Exercise1.2:

2. M-g-g 18 Enter C-k

3. C-s Del C-a C-k

4. C-s <https://e> DOWN C-s <https://e> C-a C-k M-k C-x-DEL

5. C-s <! M-z-> DEL DEL C-s <! C-a C-k

Exercise 1.3:

2. M-% Assignment SP 1 Enter Assignment SP 37 Enter SP SP Enter

3. M-< M-% UTF-8 Enter US-ASCII Enter SP Enter

4. M-< C-s </o C-a Enter

Exercise 1.4:

1. cat exer2.html exer2.diff >exer4.html

2. emacs SP exer4.html Enter

3. M-> UP UP RIGHT C-SP C-e M-w M-g-g 355 Enter C-y

4. M-> C-r <!--- Enter C-SP C-u 7 C-f M-w M-g-g 337 Enter C-s es Enter C-y

M-> C-r <!-- SP y Enter C-SP C-s -> Enter M-w M-g g 303 Enter C-y

M-> C-r <!-- SP d Enter C-SP C-e M-w M-g g 18 Enter C-y

5.M-> C-r --- SP Enter C-SP M-> DEL

6. C-x u

7. M-> C-r --- SP Enter <! M-% --> Enter SP Enter SP SP SP SP m-> -->

8. M-< M-% <ol> Enter <Ol> Enter SP SP SP SP SP SP SP

9. diff -u exer1.html exer4.html >exer4.diff

Exercise 1.5:

1. M-x make-directory Enter junk Enter

2. C-x d junk Enter C-x b hello.c Enter (Copy text) C-x C-w hello.c Enter y

3. M-x compile Enter hello.c Enter

4. C-x b Compile Enter (paste result) C-x C-w hello-out

5. C-x d hello-out Enter UP UP C-SP DOWN DOWN DOWN M-x append-to-fill Enter DEL DEL DEL DEL DEL key1.txt Enter

Exercise 1.6:

1. C-x b Enter

2. (random) C-j

3. (setq SP x SP (random)) C-j (setq SP y SP (random)) C-j

4. (\* SP x SP y) C-j

5. M-: SP (\* SP x SP y) C-j, The results are the same

6. The two random integers are not truly random, they were generated base on a seed, the numbers generated are a fixed sequence base on that seed.

7. The incorrect is caused by the range of system, if the product of two number exceed the range of what system could show up, then incorrect occur. Therefore the probability of error occur is 100% because the random numbers generated every time are all using all digits.