```
while (input) {  //SS loop
  int f_in[X];
  …
  //producers of f execute, write into f_in
  …
  for (0..M)
    f(input);

  //copy-shift of f's input buffer

  //consumers of f
  …
}
```
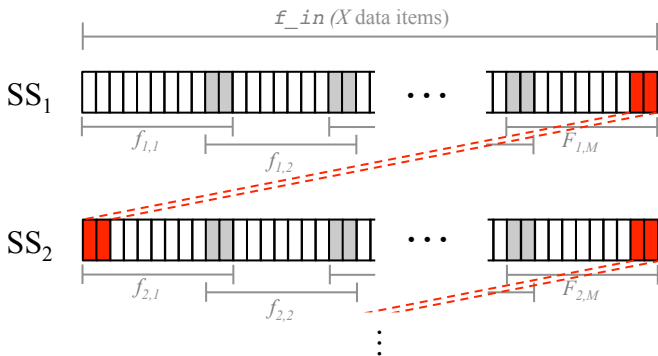
(a)

(b)