WARHOL

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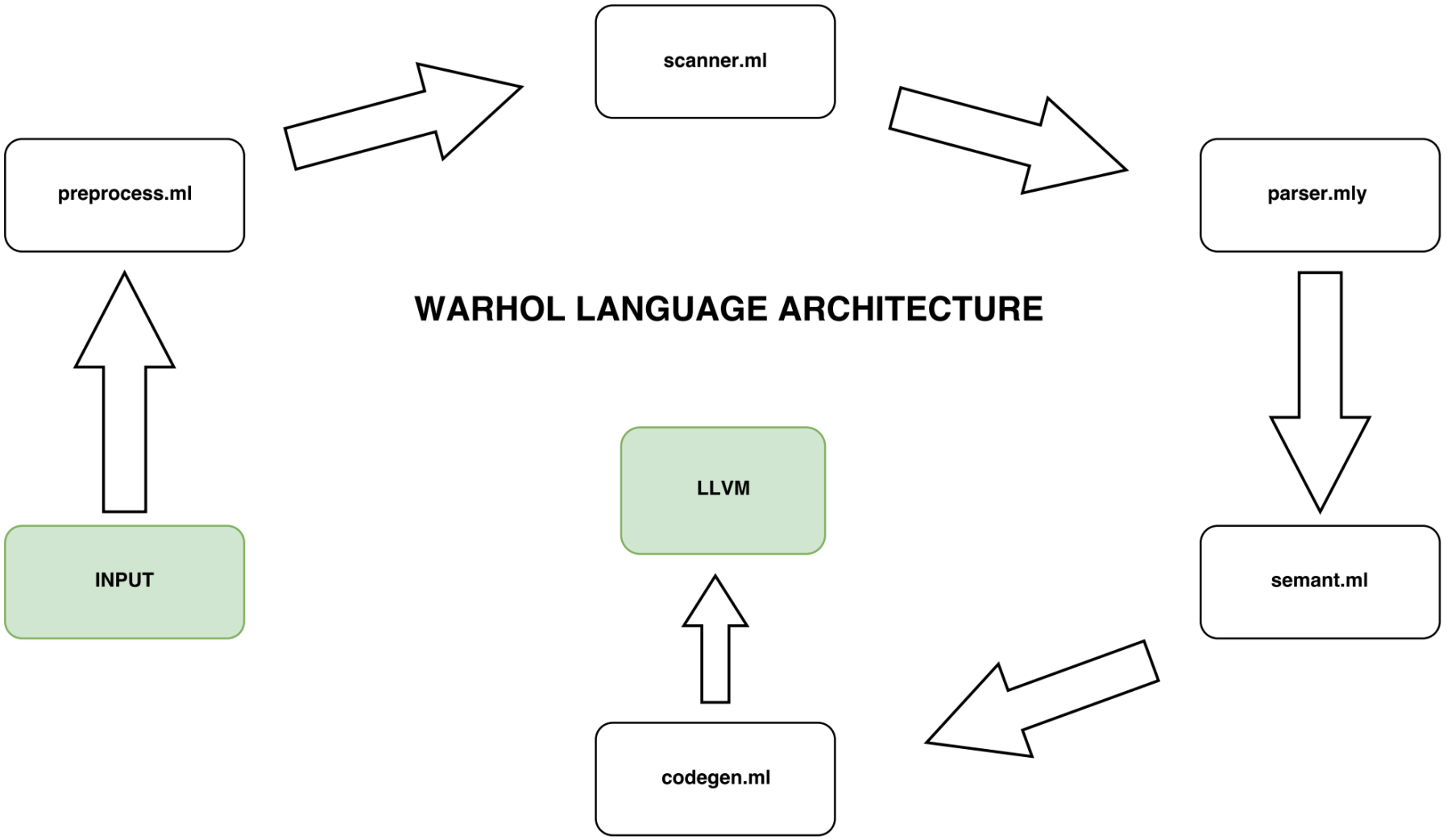
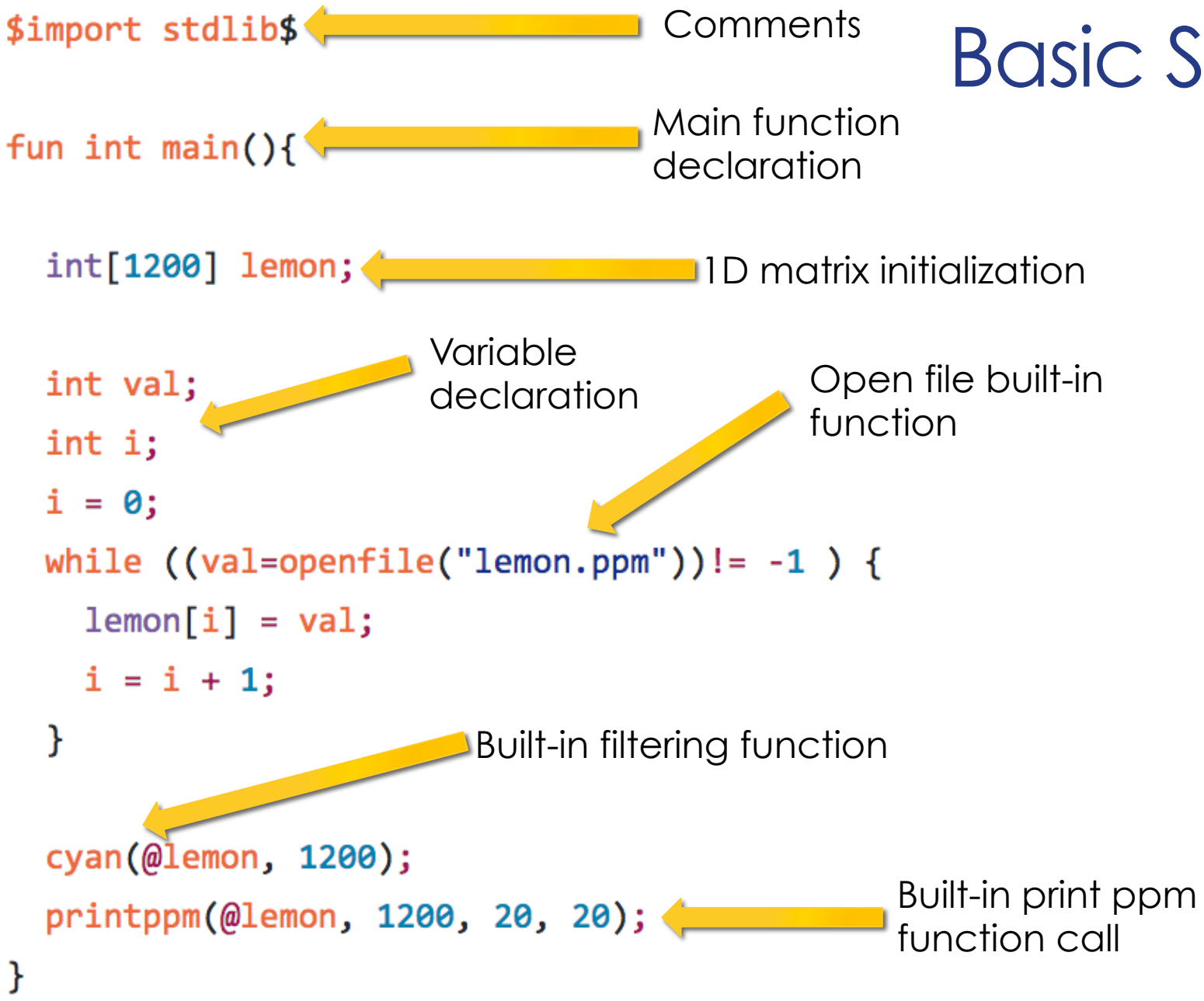
Introduction to WARHOL

- WARHOL's types, syntax, and semantics are meant to help the user easily manipulate images. Warhol specializing in reading, writing, and computing pixel values.
- Warhol is an imperative programming computer language.
- The WARHOL Standard Library contains built-in functions that perform image editing/filtering on matrix types.

WARHOL Implementation



Basic Syntax



Demos

Demo 1: Hello World

```
fun int main() {
        print(42);
        return 0;
}
```

Demo 2: filtercyan.wl

```
$import stdlib$

fun int main(){

  int[22189] marilyn;

  int val;
  int i;
  i = 0;
  while ((val=openfile("marilyn.ppm"))!= -1 ) {
    marilyn[i] = val;
    i = i + 1;
  }

  cyan(@marilyn, 22189);
  printppm(@marilyn, 22189, 86, 86);
}
```

Demo 3: filterall.wl

Filter Functions