

Preliminary
assembly

“index” the assembly for use
in downstream programs.

The algorithm to
use.

The preliminary assembly to
index.

```
bwa index -a bwtsv prelim_assembly.fasta
```

bwa index
of the
Preliminary
Assembled
Genome

Continue with
the “polish
errors” section

- “Polish” out errors in the assembly by mapping the reads back to the assembly.
- This will take several steps.
- First, make an index—a file more easily read by downstream programs—from the preliminary assembly.
- The index can then be used by the mapping program, bwa mem, in the next step.