

Introduction to Programming

Summer 2022 Hack Camp at Bishop Ireton

- All programming languages have the basic same skills
 - Beginner topics
 - Print/display information
 - Get input from user
 - Calculate values/Manipulate data
 - Make choices (if statements)
 - Iterate/repeat (for/while/count control statements)
 - Create your own methods
 - Hardware
 - Special commands to manipulate hardware
 - Wheels
 - Lights
 - Sensors
 - Other more advanced topics
 - Lists/Arrays of data
 - Some languages allow you to create your own data types
 - Graphics
 - File Reading
 - More complex data structures
 - More complex libraries of code you can import

