**QT Core**

**C++ Code = Orange;**

**QT Core = Red;**

* *qInfo()* : Part of QDebug library
* *sizeof(*variable\_name*)*
* *const* variable\_name = value;
* *enum* eName {value1, value2…value\_n}
  + eName var\_name = eName::
* *struct* s\_name{ *type var1, type var2* };
  + Qt doesn’t use it much
* *Type* array\_name[size] {values}
  + C++ array std
    - #include <array>
    - *array<type, size>* array\_name {} Or {0}
      * Initializes all elements to zero
    - Methods:
      * *.at()*
      * *.front()*
      * *.back()*
      * *.data()* – pointer to underlying array.
      * *.fill()* – Assigns the given value to all elements
      * *.size()*
      * *.empty()*
      * *.swap()* – Exchange the contents of the array with those of another one with same type and size.
* Logical
  + &&
  + ||
  + !
* Output
  + #include iostream
  + *std::cout*
  + cout << flush
* Input
  + *cin* >> input\_var
  + *cerr*