Derived Class Assignment

Write a base class **Person** and a derived class **Student**.

A **Person** has a first name and a last name.

A **Student** is a **Person** (it inherits) and it also has a student id.

Write a**Person** class

* write a constructor
* write  accessors (getters)
* write  mutators (setters)

Write a  **Student** class

* write constructors
* write accessors (getters)
* write mutators (setters)

Write a main( ) to test your classes:

* create a **Student** object
* print values from the **Student** object

**Code guidelines:**

* **Good style:** Use proper indentation, no magic numbers, good naming conventions.
* **Usability:** Always prompt the user for input so they know what to do and provide meaningful output messages.
* **Input Validation:** The program should not accept invalid input, prompt the user to reenter an input that is invalid.
* **Documentation:** Add a comments that document what each part of your code does, at a minimum each function should be clearly documented by describing the expected argument values and what the function returns.
* **Testing:** Make sure your code compiles and works.