Software Development Name –
Pointers worksheet #1

Answer the following questions thoroughly and write C++ statements where necessary. Assume that variables have been declared unless you are asked to write a declaration statement itself.

1. Declare a pointer `numPtr` that points to an `int` variable.

2. Assign the address of `int` variable `num` to `numPtr`.

3. Display the value of the variable pointed to by `numPtr`.

4. Display the memory address of `num`.

5. Display the memory address stored in `numPtr`.

6. Describe what a pointer is in C++ and illustrate with a diagram.

7. Research the Internet and fully explain the danger of misusing pointers in C++ on the back of this worksheet.